

# From The STAFF

**F2 SKIP STARTS TO PRODUCE VIDEO DX...** Many TV DXers had anticipated it! There have been numerous mornings of strong signals into eastern North America in the vicinity of 48.25 MHz, and some days of 49.75 MHz video sync as well. On many of the same days, western North American enthusiasts noted New Zealand and Australia signals on 45.25 and 46.25 MHz. A few WTFDAers report actually viewing 625-line pictures. The big problem with this rare type of skip so far this season seems to be its unique kind of multipath ghosting, "like an E-skip signal on steroids" in the words of an observer. Signal strength can often be remarkable. Co-channel interference is another problem, compounded by the fact that quite a few North American utilities still operate narrow-band FM transmitters near the frequencies in concern. The real challenge for TV DXers now seems to be in identifying the signals--which can be done. Upcoming issues will no doubt contain more details--and hopefully some interesting photos! At this writing, we've had no word of F2 skip reaching North American channel 2 (55.25 MHz) yet, but it seems inevitable now, considering recent 50-51 MHz activity!

**FOR FM QSL HUNTERS...** National Radio Club has produced a new edition of their FM STATION ADDRESS BOOK. If you're an avid QSL (verification) collector, we strongly advise that you get a copy! The U.S.P.S. is very likely to return a DX report to you as "undeliverable" these days unless you have the station's address exactly correct. This handy listing can save you the hassle of having to obtain the data via a long distance phone call to the DX station or a trip to the nearest library with a copy of BROADCASTING YEARBOOK. NRC collects data on FM station addresses in conjunction with work on their AM RADIO LOG, the best reference to the AM radio band we know of. See page 39 for info on ordering this great reference.

**BITS...** December's issue of the American Radio Relay League's magazine QST (which can be found in many libraries) will feature an in-depth study of the fantastic March 1989 auroral conditions. The amateur radio data that has been amassed tends to prove what FM and TV DXers already suspected--it was on a par with the best auroral events ever observed on VHF.

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# FM NEWS

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Contributions solicited in the worst (or is it best?) way!

## Readers' Reports--A VUD Exclusive!

Morris Sorensen, active in more than one DX club, says, "re your Oct. column, p. 3, 'Stereo or to be Stereo' CKLP 103.3 is stereo and always has been as far as I know. Add me to the list of fans of your FM Atlas. I plugged it in the October issue of my 'Domestic Broadcast' (AM-FM-TV) column in DX Ontario as one of my two most frequently consulted references for domestic DXing--the other being NRC's AM Radio Log." [Thanks, Morris, I appreciate that kind of publicity--b.e.]

"Delete my name if quoting me [writes a contributor]: A comment that's overdue from me is: I can't believe someone would bitch about you making money through WTFDA. My feeling is: If you offer products or books to make our DXing easier or maybe helpful, then I'll gladly part with my money! Other DXers, too, would agree that they greatly benefit because of your fine work. Bruce, make as much money as you want from us! Don't worry about some 'person' who thinks otherwise! Keep up the great work! Ninety-nine point 99 percent of us WTFDAers appreciate your toil!"

Keith Pugh wonders if WTGA-FM 95.3 Thomaston GA may have new calls. He only partially heard it in mono "with tiny distorted audio. Format seemed fm; wasn't ks for sure." Both Keith and George Rogers heard a mystery 102.7 testing with no calls or ID, seemingly from the Chattanooga area. A pirate, or tropo? Keith said it had stereo and played a John Denver album over and over. Later in the same letter, Keith reports hearing the new WMQQ 102.7 Springfield KY in stereo, "Oldies 102," so I wonder if this is the mystery station thought to be in the "Chattanooga area," or is there a pirate?

Matt Sittel sent station news and writes that he enjoyed meeting me at the convention. "The best to you and your family." He was one of five so far to order the TV Factbook from my ad of last month. I wish I had more to sell; VUD classifieds get results! You might want to check ad agencies, TV stations or libraries for 1987 or 1988 copies which might be otherwise discarded. The same goes for "Broadcasting Yearbook," with the added prospect that radio stations might be donors.

"Please renew my subscription to FMedial for another year," writes James J. Nahriniak. "Check for \$18 enclosed. You mentioned in the November VUD that your subscription could go as high as \$45. If the price goes much higher, I think I will drop it."

"In some markets, AM radio is not yet dead. San Francisco's AM successes can be explained by the terrain that causes all kinds of problems for FM reception, especially in cars. But Detroit's flat topography is ideal for FM, yet AM stations are still popular. There are only five AM stations programming to Detroit with decent day and night signals (WJR, CKLW, WWJ, WCX and WXYT). Only WCX, with a limited appeal classic country format and FM competition from modern country WWWW is having ratings trouble. WMTG 1310 Dearborn, weak or nonexistent on the east side, is up to a 1.9 with a mostly satellite-delivered 'classic soul' format. This is good enough to beat out five full-power commercial FM stations." Thanks to Paul Gaines for the picture of Brenda Matthews.



As the caption reads, "From 7 p.m. to midnight on WWWW 106.7, it's the Brenda Matthews show. She's been at the station since last year," having come from WLHT in Grand Rapids.

John Ebeling has "tried many times to get your translator--no such luck. Frequency (103.9) is dominated by WAKX translator. Even tried GE Superadio in null areas of WAKX; no luck." He sent bucks to renew FMedial for two years. If it folds before that, subscribers could be out some dough! I don't encourage more than one-year subscriptions. John also sent an article about Muzak and how it's being done more directly via satellites than over FM-SCS. So far no FM stations I know of have discontinued Muzak in favor of satellites.

Bill Nienajady has sent a report to club HQ on modifying radios and tuners for more selectivity. The report has gotten me interested in doing these modifications, and I have ordered 10 180 kHz ceramic filters to experiment with, but Bill warns that increased selectivity could affect how well the radios handle SCA, particularly at 92 kHz. I worked on a British Denon tuner that would get 67 kHz SCA well, but its 150-kHz bandwidth did not permit 92 kHz SCS reception. Selectivity, despite the tuner's narrow FM bandwidth, was terrible. No improvement over other popular tuners or even receivers for DXing, I'd say. I read a report on tuners in a recent VUD. My comment is that some receivers can be good, too. My 1969 Fisher 500TX is still almost as good as most modern tuners, and with it I have an amplifier. After 20 years it still performs quite well, despite many repairs by John Ebeling and modifications I have done to it.

Bill N. confirms WHCR \*90.3 New York as monophonic. With his selectivity modifications Bill addresses the issue of sound quality. "With the exception of a bit of loss of bass, a bit higher in tone (treble), other than that, who except an audio critic is even going to notice? This modification won't help image problems and the modification might not be as dramatic in some radios as in others. But it does work for me, and others would likely benefit. It's well worth looking into! Maybe you could get \$\$\$ modifying radios for DXers?" WLTW 106.7 calls its format "soft rock," not "elevator music," in an article Bill sent. He asks "what's wrong with New York city?" when a station like WLTW can't be true to its format and be "b" if it wants to be-better than being "lame," right, Bill?

Fred Vobbe took me up on an offer, and I sent a taped interview for him on reel-to-reel at 19 cm/second for the NRC "DX Audio Service," which goes out to blind DXers. Sending some much-appreciated news from north FL was Debra Oliver, who works at a hospital in Fort Walton Beach. She has been getting skip, and sent some TV news which should go to Bill Fahber.

Mike Cherry: "The CRTC is about to call for applications to clog up yet another unused Class C frequency to serve greater Vancouver. I don't know yet what applications have been prepared, but as a consultant to stations with eclectic and unusual formats, I sure hope it isn't more boring, lame AC, pop, rock or whatever combinations can be thought of. My research shows a bad need for a commercial classical music station, as KING-FM (available on cable) is the only choice other than CBC's stereo service, which takes a more highbrow, less accessible approach that tends to focus on entire works as opposed to excerpts, or a more variable playlist. I shall certainly consider intervening in the event Vancouver gets bombarded with more of the same ol' formats. Incidentally, I was sorry to learn in October's FMedial that the demise of KFAC into KKBT was more than just a rumour. Sad, very sad indeed. . .



As a specialist in reggae and Caribbean music I have been involved in the co-production of the weekly reggae shows hosted by George Barrett (winner of several awards for 'Reggae DJ of the year') on CFRO 102.7 'Co-op Radio' and CTR 101.9 both noncommercial stations in Vancouver. I have finally been persuaded to commute to Vancouver weekends to co-host the 'Rockers' reggae show with George, Sundays noon to 3 p.m. Pacific time. . . Incidentally, Bruce, for all your readers whining about the lack of IDs by Canadian stations, I am making it a strict practice at the top of the hour to ID fully: 'CTR 101.9 Vancouver/U.B.C.', so hopefully that'll keep DXers quiet for a while. I must also refute the statement by a contributor recently about the so-called death of reggae music. To the contrary, the music is very much alive and well and has in the last few years received a needed injection by the style known as 'dancehall reggae'. It is indeed true that reggae is long past its heyday and has ceased to be a fad since the mid-70s. . . One last comment on the CBC's final entry into Victoria B.C. The West Coast Media Watch Society, probably the most persistent pressure the CBC has had in regard to service for Victoria, has issued a statement praising the CBC for finally putting 92.1 on the air; however, they claim it isn't enough. They want the CBC to establish local studios, with the ability to provide separate programming from the main stereo service (105.7 Vancouver). They are also insisting that the CBC establish a full-service AM station to rebroadcast the AM service with local origins. The CBC seems to be committed to eventually bringing the AM service to Victoria as their government allocated budgets will allow; however, Bruce, I am hard-pressed to think of a frequency to establish said service on. The AM band is completely full here with much clutter and adjacent channel problems already in evidence.

Now that KFAC has quit the commercial scene on L.A.'s 92.3, W. R. McIntosh writes that KKKO-FM 105.1 will be going to C fulltime Jan. 1. "That's good news to all of us who missed KFAC 92.3, and bad news to those who liked KKKO's long-time all-jazz format. I suspect there is more money and prestige in classical music than in jazz. They don't seem to be having any trouble selling commercials in their present parttime classical music hours." Mc also sent articles on KJOI 98.7 dumping b in favor of "soft vocals and light jazz," and how KOST 103.5 with its "soft hits" format is doing so well, it's at the top of the Los Angeles ratings. KOST, according to Arbitron, has gone past rival KPWR 105.9.

Nick Lombardi says there was something about KFAC in the October 30 *Insight* magazine, and on p. 13E of the Oct 23 *USA Today*, and I heard a mention on the 'NBC Nitely News' about it. "I have mixed feelings regarding your plans to raise the annual subscription price to FMedial for individuals. . . After all, they can see basically the same information (albeit a month later) in the VUD for only \$171."

Philip Michael Martin sent some tidbits, including WSKO-FM 97.9 beating out all Spanish competition in the NY market. "WNCN [104.3] bears listening; they have a very up tempo morning show, with AC formats but still classical music."

KSTN-FM 107.3 Stockton is still mono, "currently broadcasting spurs on about 105.2 and 109.4. Earlier I complained to the FCC about spurs at 105.6 and 109.0, overlooking another at about 103.9," writes John Jefferson. "Too bad I don't count spurs as loggings—I'd have a couple dozen from KSTN-FM alone by now. . . nowspanning 105.3-105.7 and 109.0-109.3 as continuous garbage."

Hank Holbrook sent some fascinating news on NB and NS stations, gleaned from his DXing from MD, and from a verification from CBAF Moncton. "This brings questions to mind": CBAF Halifax is not operating on 92.3 with 100 kw. Is it on some other channel; is it not yet on the air, or is the verification writer mistaken?

Ralph Strobel: "The VUD is certainly late this month [October]. Did you get the tape I sent you? I purposely put 93.7 KRAI-FM Craig CO on the tape and calls sound like KRAA to Bob Zent, Dave Brumfield and myself. What do you think?" I agree, so I called KRAI-FM, and talked to the owner, who said they never have been KRAA. It must have been the way the announcer said them. The owner claimed KQZR 102.5 Craig is deleted, and then got suspicious of me as I asked more questions about his operation and his former competition. "What about WXTS 88.3 Toledo? I hear WXTS, don't you?" Yes, I do. Keith's [Pugh] tape is very interesting! His March 13 aurora is fantastic! I've never heard aurora that was so audible, yet the static proves it was definitely aurora. He has 10 stations by Es from Jamaica. In next Atlas could you list stations from Cuba and Jamaica? Do you know their call letters and frequencies?" [Nope, I've lost track, and don't intend to reinstate Cuba, Haiti, Dominican Republic, Jamaica, Central America, Bahamas, Bermuda, etc., but will keep St. Pierre & Miquelon in-b.e.]

Ben R. Wilkie sent a report on what he heard going to Albany from Geneva (NY). "By the way, since I last wrote, I changed hours at WNYR [98.5 Waterloo NY] to that of morning drive, something I thought would never happen. Haven't yet seen anyone log us in at any great distances. We could get a power increase by 1990."

This cartoon feature sent by Bill Nienajadly:

**MOTLEY'S CREW**



OCTOBER 18, 1989 - WHILE SETTING UP MAN-IN-THE-STREET INTERVIEWS, RADIO TALK SHOW HOST DR. MIKE MOTLEY...



Ernie Wilson, in his "Experimental Broadcasters Newsletter," quotes from FMedial in a couple of places (Sept-Oct. issue). He says "Panaxis is gearing up for a specialty computer bulletin board service. We'll feature programs for electronics and radio experimenters, including amateur and broadcasting topics. . . The majority will be for IBM compatible computers (DOS); however, Apple, Mac, Atari, and Commodore programs may also be available. Subscribing rates are \$50 for a year, or \$20 for a 30-days trial. The BBS is scheduled for full operation on or before Dec. 1, 1989."

Finally, from today's mail, DXer Ernest Cooper writes: "I gather you don't react too favorably to suggestions, but nevertheless let me make one or two. I feel the term 'lame radio' is insulting to those of us who like what during our younger days was then known as popular music. It might also be a put-down to anyone who is physically handicapped to have music described as 'lame'. With the amazing things computers can do these days, it would seem to this 100% zero technical-minded person that it would be only a matter of

pushing a few buttons to insert the type of programming a station has in the 'by frequency' portion of the FM Atlas. Case in point: There's an E-skip opening into the Southeast. I tune to 92.1 and hear several stations bouncing in and out with one another. [Brownian motion?—b.e.] One is carrying sports, one has music, another r and another m. If the type of programming were shown under the 92.1 listing, it would give me a hint as to what we might be hearing—not a positive ID by any means, but a clue as to the identity of the station. As it is now, I'd have to go back to the by-state listings, and after seeing what towns are on thta channel, finger through FL, GA, AL and SC to get that info which is needed pronto. See what I mean? It would be so much more important to DXers than the \$ sign (which is on almost every entry anyway!). Besides, we can see if the stereo light goes on on the receiver.

I am with WOMR 91.9 (Provincetown MA) as a nonpaid volunteer deejay with concert band music and marches (definitely not 'lame'—b.e.) for an hour on Saturday morning and host of Lower Cape Concert Hall on Mondays from 1 to 5 p.m., and I also do a weekly 15-minute interview show, 'Community Profile.' Our little station is in serious trouble financially, what with the 'Massachusetts Miracle' turning out to be a huge \$720 million deficit, and they are threatening to eliminate the Bureau of Arts and Humanities, from which we have derived about a third of our financing. . . Thank God Dukakis didn't become president! We'd probably be the 11th province of Canada by now. . . Thank you for all the work you do in keeping us informed as to what's going on in the FM world."

Now onto news that partially filled my FMedial newsletter last month. Look also for the fresh feature, which is getting more popular each month, in which I cull tidbits from the previous month's VUD, called "See Also."

**New FM Station, Translator Grants**  
Selected translators only; more are in my FMedial newsletter

CA Granada Hills (W. R. McIntosh's town, which is about 3.3 km NE Northridge) K202BL \*88.3 (KCSN 88.5 translator)  
CA Pleasanton KFOG-3 104.5 300-watt booster of San Francisco station  
CO Evergreen 96.5 affirmed 1987 grant to Evergreen Radio Broadcasting Partners (99-000 h.v.; 466 m, d-a [directional antenna])  
CT Bridgeport WRKI-2 95.1 250-w booster of Brookfield station [Fort Myers]  
FL Clewiston W213AF \*90.5 (WJAX 88.7)  
FL Dogwood Lakes Estate (30-51.567; 85-47.75, between Bonifay and Caryville) \*91.1 700 h.v.; 55 m, g, Shady Grove Baptist Church  
GA Crawford 102.1 3000 h.v.; 100 m, GA Family Radio [Id Education]  
ID McCall \*91.7 970 h.v.; 573 m, ID State Bd./

IL Lynville (39-41-13; 90-20-45, just west of South Jacksonville) 107.1 3000 h.v.; 100 m, Jordon Bcstg. [m, Adlai E. Stevenson 4]  
IL Mahomet (Champaign) 105.9 3000 h.v.; 100/IN Austin 96.3 3000 h.v.; 100 m  
IA Des Moines 107.5 50000 h.v.; 110 m, Ronald Sorenson, to be fr, on in about two years  
IA New Hampton KCZE 95.1 3000 h.v.; 100 m  
KS Fredonia 104.1 3000 h.v.; 100 m  
KS Hutchinson 97.1 2700 h.v.; 105 m, KWHK  
KS Lamed 106.9 3000 h.v.; 100 m  
MA Athol WCAT-FM (AM is in Orange-Athol) 99.9 3000 h.v.; 100 m, P&S Bcstg. [Bcstg. MI Grand Rapids 98.9 3000 h.v.; 100 m, Hailth/MI Republic (Springfield) 99.5 3000 h.v.; 100 m  
MT Ennis KKHJ 98.7 50000 h.v.; -80 m  
MT Whitefish K219BN \*91.7 (KUFM 89.1 Missoula) [89.3 Norfolk]  
NE Columbus K212AV \*90.3 (translator of NE Hastings (transmitter Giltner NE) \*89.1 64300 h.v.; 329 m, NE Ed. Telecom. Commis-sion) [47500 h, 100000 v; 286 m, NETC  
NE Lexington (transmitter Atlanta NE) \*88.7/NE Norfolk \*89.3 42300 h.v.; 300 m, NETC  
NV Elko \*91.5 100 watts h.v.; 218 m, Northern NV Community College [Ray Reeves  
NV Laughlin 107.9 17000 h.v.; 578 m, Jackie/ NM Roswell KWFL \*99.5 3000 h.v.; 22 m, g, R. Christian Center  
NY Frankfurt (Ulrich) 94.9 50000 h.v.; 150 m  
NY Old Forge 94.1 3000 h.v.; 100 m, Ross Bcstg.  
NY Plattsburgh \*91.9 380 h.v.; 260 m, NE NY Public Telecomm. Council [on air  
OR Bend K201BP \*88.1 (KWAX 91.1 Eugene)/OR Black Butte Ranch K206AV \*88.1 (KWAX)  
OR Coos Bay K288CW \*105.5 (KWAX)  
OR Newport K220CX \*91.9 (KWAX)  
OR Sunriver (20.5 km SSW Bend) K213BH \*90.5 (KWAX) [He's Alive, Inc.  
PA Macontown \*106.9 3000 h.v.; 100 m, g/PA Renovo WMHU 93.1 3000 h.v.; 100 m  
SC Williston 94.7 1300 h.v.; 153 m  
TN Harrogate 96.5 3000 h.v.; 99 m, JBD, Inc.  
TN Jackson \*90.1 17000 h.v.; 161 m, Memphis Community TV [m, Smith Bcstg.  
TN South Pittsburg 97.3 27000 h.v.; 188/TX Kilgore \*88.7 7000 h, 10000 v, 122 m, K. Jr. College [m, Koinonia Bcstg.  
VA Hot Springs WBHA 107.1 160 h.v.; 429/ON Maynooth \*89.3 130 h.v.; CBC, CBL AM Toronto relay [of Wingham station  
ON Meaford CKNX-FM-104.9 5 wattsh, relayw/PQ Amos/Vai d'O \*91.5 34400, Radio Nord, to relay new Rouyn-Noranda station  
PQ Grand-Vallee 92.7 CJMC-15 h, relayw of Sainte-Anne-des-Montes station  
PQ Joutel 92.5 CHAD-5 watts h, Radio Nord, relayw of Amos PQ station  
PQ Marsoui 92.9 CJMC-15 watts h  
PQ Matagami 94.9 20 h, CHAD-  
PQ Mont-Louis 92.7 CJMC-15 watts h  
PQ Murdochville 92.9 CJMC-92.9 50 watts  
PQ Rouyn-Noranda \*90.7 16000 h.v.; R. Nord  
PQ Sorel CJSO 101.7 on air in \$, 3000 h.v. Its 1320 AM is "deleted." CJSO has a variety of music and talk, including rock, easy listening, gospel and classical. "I am not sure how long this station, which is commercial, is going to last. Nobody can tolerate all that variety!"  
Unlicensed New  
ON Ohsweken "CFNC" 103.9 x, 10 watts, Six Nations Indian Reserve and/or New Credit Indian Reserve (they're adjacent, located southeast of Brantford), stereo status not known. "It's unlicensed at this time, but follows CRTC guidelines. Run by Grand River Communications Society."

**Call Letters Assigned**

AL Brantley 104.3 WHTA  
AL Enterprise 96.9 WDJR (from WLHO-FM)  
AL Linden 102.9 WBAF  
AL Oxford 97.9 WNFN

AL Vernon 106.5 WJEC. ["The Fox," r  
AK Anchorage 100.5 KBFX (KENI-FM),/  
AZ Cottonwood 105.7 KVRO-FM  
AZ Douglas 96.5 KOUD  
AZ Eagar 92.5 KVAO  
AZ Yuma \*88.9 KRRO  
AR Greenwood 104.5 KWKE  
AR Greenwood 106.3 KZKZ-FM (KZKZ)  
CA Bakersfield 107.1 KTFE  
CA Barstow \*91.3 KSMN (KCMB)  
CA Central Valley 98.3 KNNN (KCB)  
CA Central Valley 98.3 KJFA  
CA Greenfield 99.5 KSUR-FM (KSUR; AM is in Soledad). Now \$ (terse), classical) fulltime, signs off by midnight. KSUR-1 Pebble Beach also on, but not K228CU Carmel Valley. "Good coverage from Salinas to Paso Robles on US 101."  
CA Kings Beach 107.7 KBCH-FM; AM is in Lincoln City OR, Facilities to 750 watts h.v.; 199 m.  
CA Kingsburg 106.3 KJET  
CA Lenwood 104.9 KIQD  
CA Los Angeles 105.1 KKKO-FM (KKG0-FM; AM in Heperia gets new calls and goes all jazz). KKKO FM to be all classical by Jan. 1  
CA Los Gatos 95.3 KYAY (KATD), [country]  
CA Manteca 96.7 KVFX (KIZS), "The Fox," still r (CHR)  
CA Mariposa 103.9 KHRA  
CA McFarland 102.9 KSUV (KXEM-FM), mono, [Latin/Spanish], AM-FM simulcast  
CA Merced 106.3 KDAT (KBCV)  
CA Modesto 102.3 KJSN (KFIV)  
CA Ojai 105.5 KKRK (KMYX)  
CA Randsburg \*89.7 KGBM  
CA San Bernardino 95.1 KFRR (KQLH)  
CA Santa Barbara \*88.7 KFAC (KSCA), an acceptance of "altruistic" legacy of KKB 92.3 Los Angeles' changing of calls and format from classical. Now known as "FM-92." Is it "altruism," or a selfish motivation to keep the KFAC call letters from going to a commercial station competitor? "The local media have been full of articles about the loss of KFAC 92.3 classical music programming. I have spared your circular file since there was more heat than light. . . KKKO 105.1 (which in an earlier incarnation was classical music) has been a jazz station. They've now changed to classical, hiring Tom Dixon who had been with KFAC 92.3 for 41 years to head up their classical music efforts."  
CA Santa Cruz 99.1 KLRS-FM (KLRS; AM gets new calls). This station, which has its transmitter on Loma Prieta at the epicenter of last month's earthquake, not damaged.  
CA Temecula \*88.9 KRTM (KRRR)  
CA Yuba City 103.9 KXCL (KXEX), said to be one of the worst cities in America to live in!  
CO Colorado Springs \*89.7 KEPC (KTLF) \*90.5 KTLF (KEPC) [new calls]  
101.9 KKKCS-FM (KCCS-FM; AM gets/ CT Silverton 107.3 KOZZ  
CT Norwalk 95.9 WEFX (WGMX), "The Fox," rp. "Heh! A lame station bites the dust! A welcome change!"  
FL Key Largo 103.9 WZMQ (WVBH)  
FL Lafayette 99.9 WQHI (WKXJ)  
FL Lehigh Acres 107.1 WCKT (WOOJ-FM)  
FL Marsh 92.7 WGUF  
FL Melbourne 107.1 WAOA (WVTI)  
FL Orlando 105.1 WQMX-FM (WQMX)  
FL Port St. Joe 93.5 WMT0  
FL Sarasota 106.3 WSRZ-FM (WSRZ)  
GA Clayton 104.1 WLF A  
GA Folkston 92.5 WOKF  
GA Fort Valley 97.9 WVEG  
GA Leesburg 103.7 WIKX  
GA Millen 94.9 WMKO  
HI Aiea 107.9 KTSS  
HI Kekaha 103.3 KAU1  
ID McCall 101.1 KMCL

ID Rexburg 98.1 KRXX-FM (KKQT)  
IL Oregon 106.1 WLWF  
IL Pekin 104.9WCL-FM (WKQA); AM play/  
IN Charlestown 104.3 WHOX  
IN Roanoke 105.1 WHOR  
IN South Whitley 101.1 WQB  
IA Clarinda 106.1 KQIS (did not use KMA-FM;  
KMA AM is in Shenandoah)  
IA Cresco 102.5 KXZQ  
IA Manchester 94.7 KMCH  
IA Sioux Center 93.9 KTSB (KVDB-FM)  
KS Wichita 96.9 KRKN (KKOW-FM)  
KS Pittsburg 97.9 KRBB (KLZS)  
KY Beaver Dam 102.7 WVPV  
KY Edmonton 99.1 WSRG  
KY Georgetown 103.1 WTGT (WMGB)  
KY Lexington 91.3 WUKY (WBKY)  
KY McKee 107.9 WWAG  
KY Milersburg 90.1 WJCR  
KY Salfersville 97.3 WRV-FM  
LA Belle Chasse 102.9 KNOK  
LA Jonesville 101.1 KNES, not "Jonesville," as  
on p. 110, FM Atlas-12  
LA Lafayette 95.5 KRRO  
ME Dexterville 102.1 WGRQ  
ME Hallowell 103.9 WPMW  
ME Topsham 96.5 WLLB  
ME Van Buren 98.1 WBKD  
MA Orleans 104.7 WKPE-FM (WKPE)  
MI Bath Creek 95.3 WBX-3 (WJJC)  
MI Dowagiac 92.1 WDCW-FM (change to WERQ  
"at side")  
MI Greenville 107.3 WODJ (WPLB-FM), r,  
"Oldies 107" (strict), ID with Grand Rapids,  
s  
MI Pentwater 103.1 WVGK  
MI Portage 96.5 WUBU (WLWJ)  
MN Appleton 91.3 KRSU-FM (KNOW); on  
air, s, c, 1TB, 67 kHz  
MN Mora 95.3 (not 93.5) KBK  
MN St. Paul 91.1 KSJN-FM (KSJN-FM; AM  
gets new calls)  
MN Staples 94.7 KNSP-FM  
MN Thief River Falls 99.3 KKAQ  
MS Bruce 94.5 WLFO  
MS Itta Bena 91.7 WVSD  
MS Kosciusko 91.7 WJTA (WJWF)  
MS Picayune 106.3 WJNA  
MO Mountain Grove 92.7 KCMG-FM (KRFI-FM)  
MO Mount Vernon 106.7 KTJA  
MO Owensville 95.3 KLZE (KZBR), add s, p,  
160 FM Atlas-12  
MO South West City 100.3 KWMQ  
MT Bozeman 95.1 KUUB-FM (KUUB), "Cuba  
FM." There is also a "Cuba AM" (x-KXXL).  
NE Bennington 93.3 KRRK  
NV Carson City 94.7 KRWR (KNIS)  
NV Reno 106.9 KRNO-FM (KRNO)  
NH Belmont 93.3 WCNH  
NM Bloomfield 104.5 KCEM-FM (KMYO);  
KCEM AM is in Aztec NM  
NM Corrales 95.1 KSAV  
NM Las Cruces 99.5 KVLK  
NM Rio Rancho 101.7 KZKL-FM (KZKL; AM is  
in Albuquerque) (bany's Cool 98 FM)  
NY Amsterdam 97.7 WKOL-FM (WKOL), "AI-  
NY Arlington 96.9 WEXT (WQPS)  
NY Buffalo 103.3 WUFX (WOLD), still r, "103.3  
Fox," not strict  
NY Deposit 94.7 WIYN  
NY Dryden 90.1 WWER  
NY Orleans 97.5 WPIG (WOLN)  
NY Port Henry 92.1 WMMN (WHWB-FM)  
NY Rome 96.1 WFRG-FM (WFRG)  
NY Watertown 91.7 WVRV  
NC Bayboro 97.9 WJCS  
NC Elizabethtown 106.7 WSAD (ies), "Cool"  
NC Jacksonville 97.9 WKOO (WRMC), r (old d-  
NC Lenoir 102.5 WHLO  
NC Washington 98.3 WCZI (WBRE-FM)  
ND Fargo 107.9 KSMN  
OH Akron 98.1 WZIP (WZIP-FM)

OH Barnesville 93.5 WBNV  
OH Nelsonville 107.7 WSNV  
PA Boyertown 107.5 WYCL (WBVO), r (top 40,  
but "lame"), ID with Reading [Erie  
PA Edinboro 97.9 WXTA (WMYJ), k, s, ID with/  
PA Harrisburg 94.9 WWKL (WHKS), "Cool  
94.9"  
PA Mansfield 89.5 WXMW (WNTF)  
PA Oliphant 95.7 WAXH  
PA Portage 105.7 WKXU  
PA Port Allegany 94.9 WNSY  
SC Greenville 91.7 WHBS  
SC Greenwood 103.5 WMTY-FM (WMTY), s  
("urban"), parallel to AM  
SC New Ellenton 102.7 WAJY  
SD Milbank 104.3 KMSD-FM  
SD Salem 100.5 KSMI  
TN Clinton 95.3 WYFC (WTNZ-FM)  
TN Etowah 103.1 WDRZ (WDRZ), still "Z-103"  
TN Selmer 93.9 WBSB, Mono, r, "J-94" (7), strict  
TN Soddy-Daisy 102.3 WFXS (WVUV), "Fox  
102.3," still r  
TX Beaumont 107.9 KWIC-FM (KWIC-FM;  
AM has new calls), 305 m (100000 h,v)  
TX Caldwell 95.1 KJIB  
TX Fort Worth 107.5 KMEZ-FM (KMEZ-FM;  
AM in Dallas gets new calls)  
TX Georgetown 107.7 KJWL  
TX Kilgore 92.3 KPFX  
TX Mason 97.9 KOAX  
TX Marston 102.7 KFQX-FM (KFQX-FM; AM  
in Abilene gets new calls)  
TX Monahans 102.1 KMGP (KWES), "Magic  
102," adds Odesse-Midland ID, still rm  
TX Nacogdoches 107.7 KTBB (KTBB)  
TX New Boston 103.5 KTJB  
TX Odesse 90.5 KENT-FM (KEHC)  
TX Olney 97.5 KJLR  
TX Rosenberg 104.9 KFRC-FM (KFRO-FM);  
AM is in San Francisco CA—or is it still?  
TX South Padre Island 92.7 KJIB (KESD); FCC  
has apparently given this call also to Caldwell  
TX Texarkana 102.5 KKYR-FM (KOSY-FM),  
now k, "Kicker 102.5"  
UT Payson 92.3 KTCE  
VT Canaan 94.1 WKQC  
VT Danville 95.7 WSHX (WSNO)  
VA Charlottesville 106.3 WJNA  
VA Richmond 106.5 WVGQ (WVMX)  
VA West Point 107.9 WPTG  
WA Bellingham 91.7 KZAZ  
WA Cheney 101.1 KEYF-FM (KEYF-FM; AM  
in Dishman WA gets new calls)  
WA Richland 102.7 KORD (KZZK)  
WA Seattle 102.5 KZOK-FM (KZOK), "Classic  
102.5"  
WV Buckhannon 101.3 WBUC-FM (WUBI)  
WV Danville 92.5 WZAC-FM (WZAC)  
WV Elkins 99.3 WDNE-FM (WVHT)  
WI Brillion 96.3 WLWR  
WI Columbus 100.5 WWAM  
WI Rudolph 99.9 WIZD  
WI Sturtevant 104.7 WZXA  
WY Cheyenne 89.5 K208BU (K208AP)  
WY Worland 96.1 KWOR-FM (KWOR-FM;  
AM has new calls)  
VI Charlotte Amalie 97.9 WGGD-FM (WGGD)  
NB Moncton 88.5 CBAF-FM (CBAF-26-FM)  
"98.3 CBAF-FM" (CBAF-FM)  
NS Bathurst 92.9 (from 104.9) CKLE-FM, "FM,"  
also planning to increase its antenna height to  
an as-yet unannounced altitude  
NS Margaree 92.3 CBAF-12 (from CBAF-15), is  
45 (82 watts h,v), on air, French,  
monophonic, studios at CBAF Moncton NB.  
CBAF Halifax is not operating on "92.3." I  
am still using the Scott 310 E FM tuner you  
saw when you were here 20 years ago, but  
may soon replace it with a newer used set!"  
writes Hank Holbrook.

## Facilities Changes Granted

AL Linden WDL 98.5 (from 107.1) 50000 h,v;  
150 m, C2  
AL Montgomery WVAS 90.7 80000 h,v; 106 m  
AL Roanoke WEIR-FM 102.3 133 m (2900 h,v)  
AZ Kingman KAWA 105.9 8000 h,v; 576 m, C1  
CA Laurel K212AR 90.3 has KEAR 106.9 San  
Francisco, not KEFR 89.9 Le Grand  
CA Richvale K202AL 88.3 has KHAP 89.1  
Chico, not KEAR 106.9 San Francisco [m  
CA San Bernardino KOLA 99.9 29000 h,v; 510/  
FL Waterford (new) 102.1 (from 105.7)  
GA Cornelia WCON-FM 99.3 19000 h,v; 246 m,  
C2  
6600 h,v; 863 m  
HI Kailua-Kona KLUA 93.7 (from 93.5)/  
IL Chicago WNUA 95.5 4200 h,v; 474 m  
WBBM-FM 96.3 4200 h,v; 474 m  
IL Rantoul W2NF 95.3 1900 h,v; 126 m  
IA Iowa City KRMA 93.9 (but will be moving to  
94.1) 180 m (100000 h,v)  
IA Keokuk KOKX-FM 96.3 (from 95.3) 50000  
h,v; 150 m, C2, but petitioning to the FCC to  
upgrade on 95.3 as a C1—but that petition  
previously denied, but KOKX-FM is asking  
for reconsideration. I have asked the FCC to  
deny the KOKX-FM petition, since I have  
submitted a plan involving upgrades at  
Newton (C1 on 95.7 instead of 96.1C2) and  
Fairfield (C2 on 95.3, instead of 95.9C2).  
IA Pella KDMG 103.3 318 m (100000 h,v), C  
LA Bantam KMYG-FM 100.1 50000 h,v; 150 m,  
C2  
1000 h,v; 150 m  
LA Grambling KGRM 91.5 (from 91.3) 50/  
MN Fairbault KQCL 95.9 810 h,v; 177 m, now  
"Power 96" (warming up from "Cool 96")  
MN Red Wing KWNG 105.9 (having moved from  
105.5), no facilities change except for frequen-  
cy, but to become a C2. Now "K-Wing" (not  
strict), r (classic rock), Stereo.  
MS Iuka W7IB 104.9 50000 h,v; 150 m, C2  
MS State College WMAA-FM 89.9 (this is the  
same place as "Mississippi State")  
MO Cape Girardeau KRCU 90.9 2200 vertical  
only; 80 m [89.5 36400 h,v (72 m)  
MO Columbia KOPN/ 150000 h,v (150 m), C2  
MO Mountain View KXOZ 96.9 (from 96.7)/  
NH Franklin WFTN-FM 94.1 3000 h,v; 100 m  
NJ Point Pleasant WADB 95.9 100 m (3000 h,v)  
NM White Rock KKBZ 101.1 527 m (3000 h,v),  
C2  
96.9 500 h,v; 233 m  
NY Arlington WEXT/ [WBRE 90.5  
NY Rochester (moving from Henrietta/  
NY Schenectady WMYW 97.3 1300 h,v; 270 m, not  
yet on air  
OH Coal Grove WZTX 97.1 1300 h,v; 151 m  
OR Pendleton KSXM 107.7 332 m (100000 h,v)  
OR Portland KBVM 88.3 1900 h,v; adds  
vertical; 428 m  
OR Redport KSYD 92.1 2800 h,v; 102 m  
OR Sutherlin K261BF 100.1 has KPRA, not  
KEAR, "I suspect other northern CA Family  
translators have changed."  
PA Altoona WPRR 100.1 95 m (3000 h,v)  
SC Ladson WKCL 91.5 100000 h,v (93 m)  
TN Manassas WMSR-FM 97.7 387 m (100000  
h,v)  
TX Edinburg KVLV 107.9 219 m (100000/  
TX Kerrville KRLV 94.3 1400 h,v; 127 m  
TX Waco KTKS 99.9 503 m (100000 h,v)  
TX Wichita Falls KTLT 106.3 16000 h,v; 274 m  
UT Salt Lake City KUFR 91.7 220 h,v; 108 m  
VA Crewes WSVS-FM 104.7 100000 h, 84300 v,  
adding v; 299 m (1100 m), 81  
VA Staunton WTON-FM 94.3 10000 h,v/  
WANVF-FM 99.7 3300 h,v; 516 m, s  
WA Walla Walla KTEL-FM 93.3 41600 h,v; 42 m  
ON Peterborough CFMP 101.5 48500 h,v

## Stereo, or to be Stereo

CA Prunedale KLYM 89.7, "but shouldn't be.  
At times their pickup of KLVN 91.9 Santa  
Rosa is so noisy it's barely usable in mono!"

IL Marshall WMMC 105.9, r (oldies), "Cool  
Rock," signs off at 10 p.m.  
LA Brusly KIEZ 96.3, b, ID with Baton Rouge  
MI Bay City WUCX-FM 90.1, c, parallel to  
WCMU 89.5 ID with Saginaw-Midland  
MN Albert Lea KOPR 96.1, r, "Power 96"  
NY Friendship WCID 89.1, s  
NY Highland (Poughkeepsie) WRWD 107.3, k  
NY Spencer WCII 88.5, g, "Family Life  
Ministries is studying the Southern Tier dial.  
They started with WCII 103.1 Bath, with a  
relatively weak signal covering part of Steuben  
County. A few months ago, they signed on  
WCII 90.3 Elmira. Now I'll overlook the  
fact that WCII is not a station in WCII's  
primary contour, but Family Life has put  
WCII 88.5 in Spencer NY... With its 7000  
watts, WCII will almost completely duplicate  
WCII's coverage area. My suspicion is that  
WCII is a sneak-in attempt to cover Binghamton  
without anyone noticing. There are no  
religious stations in Binghamton right now  
(just a WMHR translator), but Family Life  
ought to have the decency to try to serve  
Binghamton directly... Family Life's other  
CP, 89.1 Friendship NY, will be substantially  
outside all three stations' coverage areas, and  
in an area with just a secondary signal now  
from WDCX Buffalo, so there's no problem  
with that."

ND Oakes KDDR-FM 92.3, m  
OH Caldwell WNOV 104.9, k  
OH Upper Arlington-Columbus WXXM 88.9, r  
TX Tyler KGLY 91.3, g  
VA Appomattox WZST 102.7,  
VA Blackstone WBBC-FM 93.5  
PQ Jonquiere CHOC 92.5  
Pseudo-Stereo  
TX Arlington KHVY 94.9 "monocasting of  
current tunes known to exist in stereo."  
TX Dallas KZPS 92.5 "a dozen or so songs on  
their playlist have apparently been carried-up  
in mono by mistake. I'm compiling a list to  
FOX themsoon." TX Highland Park KVVIL-FM  
103.7 had their stereo pilot off from about 2  
to 7 p.m. one day, apparently to do some STL  
maintenance. "I'm glad they were back to  
normal during Bud Burchard's oldies show,  
one of my favorite stereo programs. KVVIL-FM  
normally has excellent audio quality."

## Monophonic

CA Burney KIBC 90.5  
CA Chester KCMT 98.9, temporarily mono,  
"pending a fix to an AM noise problem"  
CA Mount Bullion KCIW 99.9 still mono,  
although was back in stereo briefly; stereo  
plagued by multipath  
NV Fallon KVCE 89.5  
NY Lake Ronkonkoma WSHR 91.9, "running  
mono, format top 40"  
TX McKinney KSSA-FM 95.3 "discontinued  
stereo shortly after switching to a Spanish  
format"

## Format Changes

Formats are the same as in the "FM Atlas"  
AL Birmingham WKXX 106.9, r, "X-106" (from  
"Kix 106")  
AL Dothan WDOF-FM 99.7 [rock]  
AR Hoxie KHGX 100.5 (oldies), monophonic  
CA Los Angeles KJOL 98.7 mj, "EZ vocal and  
new age mix"  
CA Ukiah KMRJ 105.9 j  
CA Yuba Valley KROR 106.9, k, "not g"  
CO Craig KRAI-FM 93.7 m, no Spanish, 1U  
(telemetry). "We never were KRAA, and I'm  
not sure about the SCA being at 67 or 92 kHz.  
The engineer takes care of that."  
FL Century WKGT 105.1 m, adult standards, s  
FL Fort Myers WJFY 95.3 r, Kope oldies; new  
name for Transtar [s (from "Q-101")  
FL Marianna WJAO 100.9 k, "Q Country," j  
FL Safety Harbor WXXR 92.5 r (from classical),  
"U-92" (oldies)

GA Atlanta WZGC 92.9 rp, "classic rock"  
ID Idaho Falls KSIF 96.1 rk, "Kiss"; mostly  
AC, but also running country about 20  
percent of the time. Strange format, consider-  
ing there are other all-AC and all k stations in  
the area.  
IL Casey WBSH 104.3 rp, s, "not just r"  
IL Chicago WYFR 103.5 rm, "similar to WTMX  
101.9 and WLIT 93.9"  
IL Elgin WEPS 88.9, t, mono, on only 8 a.m. to  
2 p.m. school days, with only "public  
affairs-type programs" [at night]  
IL Virden WRV 96.7 r, s, "no more mono talk/  
IN Anderson WLHN 97.9 mj, PMN Breeze  
IA Fort Madison KBKB-FM 101.7 r, no nonID  
LA Hammond WHMD 107.1 k  
MA Haverhill WHT 92.5, com, drops nightly new  
age music [rock, no nonID  
MI N. Muskegon WLCS 98.3 rp, album/  
NJ Ocean City WSLT 106.3 c [classical]  
NY Briarcliff Manor WZFM 107.1 still r, but  
"mellow rock or soft AOR... a very good  
alternative to 'soft rock'... Laid back AOR.  
WFAS-FM 103.9 is 'lame'; playing stale  
selections."  
NY Oneida WMCR-FM 106.3 r, lite, "not m.  
Weird formats. No stereo."  
NY Plattsburgh WGBF 99.9 rm, still "B-100"  
NY Rochester WVOR 100.5 rm, hardening its  
playlist  
NY Rome WUUU 102.5 r, "classic oldies—no  
more 'mr' (light rock), very strong, "power  
increase" [is 27000 h,v; 198 m—b.e.]  
NY Saratoga Springs WQQY 102.3 p, rather than  
"at night"  
NC Fayetteville WQSM 98.1 rm  
NC Griffin WVUY 99.5 rj, "Wavy 99"  
OH Dayton WDRP 89.5 "now all night c, s,  
when WDPS is off"  
OH Lancaster WSWZ 103.5, r, oldies "Z-103"  
OR Sweet Home KSXD 107.1 m, "easy listening  
rock," and "Cascade 107," ID with Lebanon  
PA Avis WWOE 99.9 k, "Magic 99.9,  
"WHUM," no ID with Lock Haven, WHUM is  
1190 AM Hughesville simulcast." [96.7]  
PA Coudersport WFRM-FM 96.7 rm, "Light/  
PA Du Bois WWOV 102.1 k  
PA Philadelphia WIOQ 102.1 r, "crossover CHR"  
TN Waverly WVRV 105.1 r, SMN Pure (oldies)  
TX Atlanta KPYN 99.3 k  
TX Tyler KRQZ 92.1 k, "urban returned KZEY/  
TX Wimsboro WKNW 104.9 all k (from country-  
AC), still "K-105"  
UT Delta KLGQ 95.7 k, to be SMN Country  
UT Ogden KDAB 101.1 r  
VT Bennington WHGC 94.3 rm, "soft ac, no 'b'.  
Stereo questionable—seemed so at times  
when listening on radio in motel room at  
Albany—driving in car up to Saratoga Springs,  
seemed mono!"  
VA Lynchburg WKZZ 100.1 r, SMN CHR  
VA Tappanrock WRAR-FM 105.5 m, Drake  
AC [to KAAR 95.3 Medical Lake WA  
WA Spokane KVXO 103.9 r (oldies), parallel/  
NS Truro CKTO 100.9 CRTC denied request to  
eliminate its weekly three-hour classical  
ON Hawkesbury CHPR-1 102.1 t (French)  
PQ Hill CIMP 94.9 r, French  
PQ St. Gabriel de Brandon CFNJ 99.1 r, s  
"I've noticed other people complaining about  
the homogenized quality of radio and its  
lameless. I guess I'm not the only one who  
complains!"  
"Did I tell you how great I always think each new  
Atlas edition is? But I wish there were a way  
of distinguishing rock formats, such as classic  
oldies and CHR without classifying them as  
just plain r." That definition is so wide open...  
See Also November VUD For:  
CO Leadville KRHM 93.5 nonID "K-Rocky  
Mountain High," Merrill, p. 41. Is apparently  
stereo, so change "FM Atlas," p. 155  
CT New Britain WRCH 100.5 1 list format as jr,

while p. 37, "Station News," shows it light  
rock  
FL Winter Park WLOQ 103.1 ID with Orlando,  
Merrill, p. 42  
GA Baxley WBYZ 94.5 temporary or permanent  
mono? I assume temporary, Merrill, p. 42  
HI Humula K276G 103.1-note transmitter  
location, Kington, p. 46  
IN Marion WMR1 106.9 FM-107, not "107 FM,"  
Falconer, p. 36  
MI Bear Lake WRQT 100.1 need to know if it is  
in stereo, Merrill, p. 42. I show no power  
increase for it—3000 h,v; 100 m.  
MO Web City KIXD 93.9 IDs of Neosho-  
Carthage added to Joplin, Strobel, p. 39  
NJ Atlantic City WJLK-FM 94.3 rm, "Lame,"  
"Station News," p. 43 [ic] Wylie, p. 37.  
NY Say Harbor WNLG-FM 92.1 still monophonic/  
PA Mercer WKTU 96.7 rp, not g, Falconer, p. 43  
TX Crystal City KHER 94.3 Spanish, mono,  
Merrill, p. 41  
TX Sonora KHOS 92.1 no more "Kicksie," and  
dual programming with KIXY-FM 94.7 San  
Angel? Merrill, p. 41  
UT Cedar City KBRE-FM 94.9 r, not p. NonID:  
"Rock Hits 95," Merrill, p. 41  
AB Edmonton CBX-FM 90.9 "CBC Stereo,  
Alberta" nonID, Cherry, p. 40.

## On Air (Selected)

CA Lompoc KRKO 100.3 3700 h,v; 263 m, but  
"KBOX 104.1 seems to get out much better"  
CA Paso Robles KQDB 92.5 now with 4400 h,v;  
468 m, from Cuesta Peak, serving San Luis  
Obispo [on Oct. 15, \$?  
CA Philo KZYX 90.7, was to have signed/  
MN Northfield KRLX 88.1—after being off all  
last school year after a bulldozer knocked  
their cable out. On 24 hours.  
NY Buffalo WFBF 89.9, s, g, Family Stations,  
Inc., but not its 92.1 Clarence NY translator  
NY Rochester WIRQ 93.3 "back on after a  
summer hiatus, with s, p, format. Off  
weekends, it seems."  
OR Coos Bay KYNG-FM 106.5 now with 4000  
h,v; 166 m [moved from 101.1  
VA Richmond WCFE-FM 88.9, having/  
ON Orillia (Hillsboro) CBEO 91.5. One oh five  
point nine, 107.5 CBC stations still on the air,  
"but should soon go off."

## Off Air or Not Yet On

AK Anchorage KXOZ 103.1, seeking a buyer.  
CA Greenfield KQKZ 107.9  
CA Santa Cruz KFER 89.9  
IL Coal City WKBM 100.7 [there]  
MA Amherst WHCI 100.9, "butno surprise/  
NY Irondequoit WOSB 106.7. "Their signal will  
cause tremendous problems for listeners of  
WPXC Auburn here. Judging by the number  
of WPXC bumper stickers, there are a few  
loyal WPXC listeners in the area."  
NY Jeffersonville WJFF 90.5, but expects to be  
on this month, to "provide the first public  
radio service to its community... and the first  
station, nationwide, to be powered directly  
from a neighboring hydroelectric power  
plant." Let me know s status, format for it.  
NY Little Falls WQWB 105.5  
NY Ravenna WRVA 94.5  
NY Syracuse WFNY 90.3. "How can this one  
coexist with 90.5 WBXL a few km away in  
Baldwinsville?" [By clever engineering—b.e.]  
NY Utica WPNR 90.7, "I've passed through  
[many times] and no WPNR. Anyone know  
whether or not this station exists, and if so, its  
schedule?"  
NC Dunn WDKS 103.1, "silent pending sale"  
OH Greenville WDRK 106.5, "Gone for good"  
OR Medford KOPE 103.5 [in 1987  
OR Roseburg K265CM 100.9, had been licensed/  
OR Sutherlin KSRL 101.1  
OR Tri City KTRQ 104.3  
PA Reynoldsville WDSN 99.5

PA Smethport WORM 106.3 (monophonic)  
TX Livingston KETX-FM 92.3 (still on 92.1/)

## Deletions

CA Laurel K218AX \*91.1 (replaced by K212AR, see "Facilities," above)  
CA San Luis Obispo K222AA 92.3, "no longer needed" (see above, "On," Paso Robles)  
CA Santa Cruz K207AR \*89.3, replaced by K212AR Laurel. "Perhaps KLEL San Jose objected. They had ample grounds to do so, as K207AR poured a Class-A equivalent signal into KLEL's coverage area."  
CA West Hollywood KMAX-2 107.1, "application for renewal of license dismissed"  
CO Craig KQZR 102.5, "They folded"  
MS Jackson WWCJ \*89.3  
MT Bozeman K224BQ 92.7  
MT Great Falls K240BH 95.9, K276CV 103.1  
MT Helena K214AE \*90.7, K222AB 92.7, had been licensed in 1978, but now off  
NV Henderson K257BU 99.3 had been licensed in 1983, but "has not ever been heard" locally  
OR Ashland K221AW 92.1, had been a CP/  
OR Tri City K224AV 92.7, K244BC 96.7, K252BB 98.3  
PA Mansfield K212AE \*90.3, frequency taken over by WCII \*90.3 Elmira NY  
"I admire your work in FM radio, and am thankful for being able to take advantage of your expertise. I look forward to receiving the radio with modifications, and the FM Atlas."

## F Mistakes, FM Atlas-12, FCC-FM

CA Nubieber 95.9 KVPIT, town misspelled p. 75 map  
CO Delta KKLY 95.1 add \$ symbol to p. 104  
FL Crestview WAAZ 104.9 add \$, p. 181  
GA Albany WUNY \*91.7 add \$, p. 106  
IL Springfield WQNA \*88.3 add \$, p. 143  
KS Independence KNDV-FM 101.7 add \$, p. 174  
KS Leavenworth KCVW 98.9 add \$, p. 109  
KY KMDaniels WBFI \*91.5 add \$, p. 150  
KY Morehead WYMR-FM 92.1 add \$, p. 110  
KY Murray WBLN 103.7 (not 101.7), Oct. p. 14, col. 1.  
LA DeRidder KEAZ 101.7 add \$, p. 174  
LA Jonesboro KTCC-FM 104.9 add \$, p. 181  
MD Baltimore WBVO \*96.7 add \$, p. 111  
WHVY \*96.7 remove \$, p. 111  
MO Branson KRZK 106.3 add \$, p. 185. FCC proposes to change its channel to a C3.  
MO Houston KUNQ 99.3 add \$, p. 169  
MO Ironton KYLS 92.7 add \$, p. 114  
MT Great Falls KGPR \*89.9 add \$, p. 147  
MT Kalispell KOFI-FM 103.9 add \$, p. 115  
NE Imperial KKEI 103.1 remove \$, p. 178  
NE Elv KBXS 92.7 add \$, p. 154  
NY Sidney WCDQ-FM 100.9 remove \$, p. 117  
NY Tupper Lake WRGR 102.3 add \$, p. 176  
OH Bellevue WNNR 92.1 not "Belleville," as on p. 40 map  
OH Ironton WOUL \*89.1 add \$, p. 145  
OH Millersburg WKLM 95.3 add \$, p. 160  
OK Lawton KDLI 94.3 add \$, p. 157  
PA Kane WLMI 103.9 add \$, p. 120  
TX Big Spring KBST 95.3 add \$, p. 160  
TX Galveston KRTX 104.9 add \$, p. 182

## SC Services, 67 and 92 kHz

Abbreviations are as in the "FM Atlas" (Selected only; more are in FMedia).  
AR Jonesboro KJBR 101.9 no SCA, had 1F, M KFIN 107.9 1F (talking commodities' news), 67; 1M, 92 (had 1Z, 67)  
GA Cumming WVEV \*91.5 no SCS (1G not heard since September)  
IN Royal Center WHZR 103.7 1X, 67. "This date, like 104.1 WLBC Muncie." Now "Hosier 103" (strict), giving call only at five to the hour: "WHZR Royal Center temperature is — degrees." On 24 hours; (800) 223-HITS.  
BJ Tijana XHITZ 90.3 2-90 (to be listed on the

## "Inferior" Quality of AM Militates Against It

IA Dawsonport KUUL 103.7 FM, 67; "Cool FM," r (oldies) on main channel  
MA Cambridge WRRB 95.3 1E (ethnic, Italian, / MN Austin KAUS-FM 99.9 1T, MN Talking Book for the Blind, 92 kHz. "We had only been on a translator in Austin before."  
MN Ferguson Falls KJJK-FM 96.7 1U, MN State Services for the Blind, 67, 1U, 92  
MN Northfield WCAL-FM \*89.3 no 1, 67 kHz.  
PQ Montreal CKUT \*90.3 applies for SCMO  
CFOR 92.5 1X, 67  
CBM-FM \*93.5 1X, 67, not talk  
CHOM 97.7 no SCMO; had 1X, 57 kHz  
PQ Quebec CBV-FM \*95.3 no SCMO (had 1T, 67 kHz)  
"Virtually all the FMs in Montreal are stereo; virtually all fail to identify on any regular basis, but 'catchy' pseudo-IDs can be heard. Only a few (four out of 24) of the FMs have SCA. ... Keep up the great publication; I'm enjoying FM more than ever."

## NonIDs, Not Just Slogans

AL Montgomery WBAM-FM  
AR Mammoth Spring KAMS 95.1 K Country 95 (not "Stereo 95")  
CA Grover City KWCD 107.3 All New CD-107  
CA Long Beach KNAC 105.5 Pure Rock 105.5  
FL DeFuniak Springs WQUH 103.1 Q-103  
FL Riviera Beach-West Palm Beach WMXQ 94.3  
The Mix, adds Boca Raton to ID list  
FL Tampa WFLZ 93.3 Power-93 (not "2-93"), r  
IL Chicago WXRT 93.1 93 XRT Radio, "only sporadically using WXRT call"  
"WJMK 104.3 "despite (Roger Winsor's) to the contrary, use of call outside legal ID is still rare—uses 'Magic 104' ONLY on all jingles, as well!"

IA Cedar Rapids WMT-FM 96.5 96% FM  
LA Kaplan KMDL 97.3 K-Middle  
LA Shreveport KWKH-FM 94.5 Radio Ranch (from "The Country Ranch")  
ME Boothbay Harbor WCME 96.7 Light and Easy 96.7  
ME Brewer WKIT 100.3 Kit 100.3 (Rock 100)  
ME Farmington WKTJ 98.3 KTJ or "Katie J."  
ME Rumford WWMR 96.3 no nonID, saying "96.3 WWMR"  
ME Saco WHYR 95.9 R-96 (from 96-HYR)  
ME Sanford WCDQ 92.1 92-CDQ  
ME Portland WTHH 102.9 no nonID, no longer using "FM 103"  
MI Alpena WHSB 107.7 HSB-108  
MT Billings KIDX 98.5 Magic 98 (from "FM-98")  
MT Helena KMTX 105.3 StarStation 105  
NY Buffalo WJYE 96.1 no nonID, slogan always used with call letters  
NY Poughkeepsie WRNQ 92.1 Q-92  
OH Columbus WNCI 97.9 NCI  
OK Oklahoma City KLTE 101.9 Classic Hits (from "K-Lite 102")  
PA Saegertown WEQZ 94.3 no nonID, saying "Magic 94.3 WEQZ," ID list includes Greenville Edinboro-Titusville  
PA Sharon WYFM 102.9 Light Rock 102.9  
TX Abilene KORO-FM 100.7 Q-101  
TX Cotulla KDCY 97.7 La Brava 97.7 FM, Spanish rancheros in mono  
TX Dallas KQZY 105.3 Star 105.3 (strict), from "Cozy 105.3" (still monophonic)  
TX Mineola KM00-FM 96.7 Double O/  
TX Wichita Falls KQVQ 103.3 HitRadio QV-103, now all r (CHR)  
WA Seattle KSEA 100.7 (listen carefully) is K-Sea 101 FM, not "KC-101"  
WI New London WQZZ 93.5 no nonID  
NS Sydney CKPE 94.9 K-94 FM (from "Cape Country 95")  
PQ Magog CIMO 106.1 still Seem-Oh. "Star Cent Six" refers to a program that is on once a week—not a station slogan.  
PQ St. Georges-de-Boucoue CIRO 99.7 Le FM Country (strict; "dropped ID's").  
BJ Tijana XHITZ 90.3 2-90 (to be listed on the

CA map, FM Atlas-13) [FM Atlas-13  
XETRA-FM 91.1 91-X, to be on CA map.]

## Multi-City IDs in Use

CA Mojave KAVS 97.7 with Lancaster  
CO Alamosa KRZA \*88.2 with Taos NM  
IL East St. Louis WSNL 101.1, again giving its ID with St. Louis MO, still "Sunny 101" (strict), m  
[Lexington, K, s  
KY Nicholasville WKCU 102.5 with/  
LA Shreveport KITT 93.7 adds Bossier City LA  
MA Framingham WVBF 105.7 with Boston  
MN Waseca KOWO-FM 92.1 with Owatonna  
NJ Linerfort WJBJ \*90.5 with Middletown  
NM Albuquerque KIDI 103.3 with Santa Fe  
SC Seneca WBFM 98.1 with Greenville-Anderson  
TN Waverly WVRY 105.1 with Clarksville.  
Dickson, s/r (earlier report claimed k format)  
TX Dallas-Fort Worth KERA-FM \*90.1 with Danton  
[drops Lake Charles LA  
TX Orange-Baumont-Port Arthur K10C 106.1/  
VT Lyndonville WWLR \*91.5 with St. Johnsbury-Linton (NH)  
WI Watertown WTFX 94.1 with Madison, "but garbles the official city of license, so now Madison-area listeners won't know where it's coming from. New transmitter site—way west to Deerfield WI—helps give it a coverage area as good or better than the established metro-Madison FMs." Now "94.1 Fox FM," not strict, "even on balconies." Earlier reported ID with Oconomowoc.

## AM Happenings Most Likely

## Caused by FM (Selected)

AK Anchorage KABN 830 (Long Island AK) silent. Licensed to a phantom town?  
KENT AM 550 "pulled out of bankruptcy several months ago when a new owner purchased the station." It is the AM affiliate of KBFX, "The Fox," 100.5.  
GA Smyrna WQXI-FM 94.1 retires Gary McKee, morning DJ for 18 years, and Jerry Blum, 57, general manager. Station's ratings had slipped badly in the last two years. Article summarizing history of the station makes no reference to WQXI AM after the 1970s, when dominance shifted from AM to FM.  
ID Idaho Falls KTEE 1260 off air  
MA Boston W52 AM 1030 "continues its gradual decline," dropping from a 5.9 in the spring to a summer 5.4. Midday host Paul Perry fired.  
WHDH AM 850 may let Larry Glick, 67, go. He has 2% more years on his \$200,000/year contract; may be replaced by Pat Whitely, conservative talk show host.  
VIDLW 1330 AM failed to pick up much of the country audience after WBOS 92.3 dropped the format, and is changing to comedy/show business news. "If WROR FM moved its exact format to WSSH AM, tell me how many people would still listen to it?" The inference is that not many would, given the inferior quality of AM.  
NJ Somerville WBWR 1170 announcing it will "go off soon... is only 500 watts daytime with lame-like format." Some formerly-paid announcers now volunteering their time to keep WBWR on.  
NY Brockport WASB 1590 AM was off the air, with former employees making publicity about not getting paid, now sort of back on. "When we got our checks it was kind of a footnote to get to the bank. Theoretically, whoever got there first could get whatever money there was." "I visited WASB... It is as bad as they describe; the format is now country and classic hits. The staff is made up of two teenagers, the phone is disconnected, the signal is abysmal. WBSU is on \*89.1, but I'm not sure if they are at full power or not; the signal was sort of weak. WBKT (the remaining Brockport station) was on \*89.3, but their signal was poor, even for a 10-watt Class D."

OR Cave Junction KIVR 1400 silent  
VA Colonial Heights WPVA AM 1290 silent  
WA Spokane KRSS 1230 silent  
WA Vancouver KVAN AM simulcasting with KMKJ 106.7 Lake Oswego-Portland OR  
"My favorite part of FCC news is AM Happenings. I am most pleased to see redundant AM stations going by the wayside."  
"FM has a few weaknesses, but they're piddling compared with the woes of AM. That's why FM has turned AM into wimp radio all over the world. Turn on the FM and you get music—in stereo. Turn on AM and you get yak-yak. Even AM stereo has all but disappeared. Nobody wanted it. It was a typical airhead idea: Take something that sounds bad out of one speaker and make it sound bad out of two," writes Al Fasoldt in the Sunday "Star Ledger," Newark NJ.

## FM Rulemakings

See these summarized in my FMedia newsletter, now more expensive than ever for DXers to subscribe to. The DXers' rate is \$25/year, up from \$18/year. If you haven't subscribed to FMedia by now, chances are you never will, so enjoy this VUD column, which I will allow to only summarize what my other rag has!

What Howard Says, by Howard Enstrom, Editor, "The Signal Source," A Magazine About FM Translators and Low Power Broadcasting

That sign "AM Fights Back!" Grrr. Is it hype for solidarity? Or the secret weapon AM interests used to fight FM and Armstrong in the '30s? That was dirty.

I am not anti-AM, but I am pro-FM because it is a superior technology. I'm concerned for AM owners, having been one. But many engineers share my view that AM stereo and anti-skywave antennas offer little hope.

Read my stories about Armstrong and FM's struggles, how AM moguls tried to kill FM, how the FCC, mandated by Congress to foster development of broadcasting, dealt with the issue, how FM just got started in the 45 mhz band, when WWII halted everything. Then, after the war, the band moved to 100 mhz, and the overshadowing, public mesmerizing effect of TV.

But beautiful FM and its marvelous black boxes called translators are here. And all shook up, are the same moguls who, with the entertainment industry, have done so much to cultivate a taste for sleaze in the defoliation of values for a whole generation. The fallout is broadcast and printed as ugly news.

NCE-FM service, secular and religious, now has the opportunity to efficiently expand its realm of influence for a better way. The Commission gave fair hearing about NCE-FM alternate signal delivery, and has demonstrated that it views public service through a wide-angle lens.

## WLLZ Detroit Fined \$2000; Mason City Station Target of FCC Indecency Inquiry

Marking quite a change from earlier years when it was Christian station WBFG, Detroit's "Wheels," WLLZ 98.7, has been hit with a \$2,000 fine for indecency. The AI Sikes FCC has come down on Legacy Broadcasting, licensee of WLLZ, which has an agreement pending to sell the station to Westinghouse, Group W, for \$385 million (along with six other FMs). WLLZ is charged with broadcasting the song "Walk With an Erection." Song goes to the tune of, "Walk Like an Egyptian,"

## Get an (old) FM Atlas for \$3.05!

the lyrics to which can be found on p. 41 of the October 9 Broadcasting. Neither WLLZ nor Legacy principals were willing to discuss the matter with the media. DJ Ted Nugent of WLLZ is said to be "lewd, crude and gross" in his utterances. The Detroit Free Press "The Constant Listener" wondered in print if the station will "opt for more tasteful humor."

Also hit with an indecency complaint is KLS-FM 106.1 Mason City IA. A minister, Robert Brunk, wasn't pleased with a sexual joke about the late Liberation during the morning show. The FCC has asked the station for a response, and may take action against the station.

## Other Small Print Happenings and FM Industry News

NAB has asked the FCC to clarify its rules allowing certain Class As to increase to 6 kw. It applauded the FCC for its "selective" approach to Class A upgradings. The NAB wants the Commission to clearly define how a "short spaced" station might qualify to increase its power. At it again is a NJ group, now re-dubbed the United Class A Broadcasters, which wants the FCC to give blanket approval to the 6 kw upgrades. They're confident of eventual 6 kw across-the-board boosting of Class A powers, but see present rules as unnecessarily slowing down the process.

The FCC has just announced over 500 Class As with clear minimum spacings will be able to go to 6 kw automatically, having only to file FCC Form 302 within 10 days after implementation. About 800 other Class As won't be able to immediately file for the upgrade, and another 450 all on the Canadian and Mexican borders will have to wait until treaties are signed. The list just came out, and I expect to print it in this month's FMedia. Also in FMedia last month were reports of how Hurricane Hugo and the San Francisco earthquake affected various FM stations.

The FCC granted the application of Royce International to renew the license of KWOD 106.5 Sacramento CA, and denied the competing application of WYong Communications.

Low power FM: A "talking billboard" in Williamsport PA on 101.5 promotes cellular telephones, and can be heard by motorists driving along West Third street, from Hepburn to Market streets. The 32-second message from United States Cellular includes a telephone number for a 30-day free trial. In Jonesville WI, the FCC fined one Matthew Gross \$750 for operating an unlicensed transmitter on 88.1. Because no U. S. attorney was present, the equipment was not confiscated. The pirate operation, "WZLX," featured heavy metal music. Jones Interchange, CATV, supplied equipment used in tracking down the misbehaving.

Bob Watson, technical director of MN's Talking Book For the Blind SCA service, notes that there are not enough FM stations available to deliver reading services to all the people who need them in the country. And there is reluctance for stations that are available to provide the service. Watson notified me of two commercial and one public station in MN that have recently embraced his service. Wisconsin is using parttime off the satellite, and he was not aware of that. If you're a broadcaster and want to see what an SCA reading service can do for you, Eric Small at Modulation Sciences donated a Sidekick generator to the Association of Radio Reading Services. ARRS member stations, and possibly others, can borrow the unit on a one to two month trial. For more information contact Charlotte Cassidy-Mann or Elmer Fischer, Ohio Educational Broadcasting, 2470 North Star Road, Columbus OH 43221; (614) 644-1714.

Classical music magazine "Ovation"

ceases publication. This has affected stations like WCRB 102.5 Waltham MA, which distributed its program guide in the rag.

PowerDuPre Broadcasting has formed a group of translator operators to oppose the NAB, and fight for on-air origination by the illigitant stations. Notably, Gerry Turro has made news for his plea to originate programming 24-hours a day on his W276AD Fort Lee NJ. The new American FM Translator Association is for FM translators, while the other older National Translator Association is oriented toward TV. John LaTour of PowerDuPre has a toll-free number, (800) 544-6968.

Paying a buck for a radio station—that's Tim Cutworth, who spent that sum for off-air KURA Ouray CO. Cutworth hopes to parlay old equipment he's saved from high school to help bring the KURA operation up to par, and will automate the station with one fulltime employee, who will act as manager, ad salesperson and sports reporter, plus parttimers. He rescued an unidentified "bankrupt" station in Danver for 11 months, and feels he can pull KURA out of its slump. KURA had stereo on 104.9, so it's hoped he can bring it back with that feature.

FCC station count: 4695 AM stations and 4240 FM (commercial) licensed and 1407 FM translators.

From the classified: Director of engineering, BA, Salary: Mid thirties Send letter, resume, names of three references to Dr. Richard Bullington, chair, search committee, Boise State U., 1910 University Drive, Boise ID 83725. EOE.

Tim McCartney must have left. Development director for former museum station. Fulltime, fundraising, promotion, outreach. Letter and resume to KVMR, PO Box 1327, Nevada City CA 95959. EOE.

Want to buy Sequerra 1 FM tuner with scope, working condition only, P. Madnick, DTG, 5743 Cora Ste. 207, Westlake Village CA 91362; (818) 706-3338. A DXer?

Class A full and 10 kw AM daytime priced for quick sale in Price UT. J. Dart; (801) 637-0863.

Want to buy FM transmitter for high school or gladly accept donations. J. Mangold, KTBD, 100 Champions, El Paso TX 79912.

Most back issues of the "FM Atlas" sold, except for some of the 11th edition, \$9.95; and the 1973 Second edition [reprint], \$2.50 plus .55 S&H. For out-of-print editions only, Carol ran off photocopies of the introductory essays. These range from two pages in the First edition, 1971, to 10-12 pages in many of the "other editions. Each can be ordered at \$1.50 per edition. Get all nine of the out-of-print essays for a package price of \$8.75, or order the ones you may be missing. Writes a DXer-reader: "Wow, what a difference from the 1973 FM Atlas (which I just received) to the present. A LOT of stations weren't on the air then. What station's crowding now! More readers should get your back issue 1973 for historic value to see how much different things were back then! Very interesting!"

Until next month in the VUD,

73,

Steve F. Edging

# Television news

Bill Fabber, editor  
336 Atlantic Street  
Bridgeton, NJ 08302

DECEMBER, 1989

## APPLICATIONS TO CHANGE EXISTING FACILITIES

ST	CH	ERP	AATm	CALLS	CITY
FL	28	1250	228	WPGX	Panama City (mp)
PR	12	275	665	WOLE-TV	Aguadilla (cp)
PR	44	250	372	WVED	Aguadilla (cp)

## CHANGES GRANTED STATIONS ON THE AIR

FL	Jacksonville; WJKS, ch. 17. I don't know what ails these figures, anyway. Station was granted a CP three years ago (see 11/786 VUD), which is probably still active. So why is this station being given another permit instead of a modification? Was the other permit constructed and licensed already, or did it just expire? Maybe John Combs can help me on this. Anyway, the new CP calls for 4680 kw max ERP; 304m AAT/298m AG/309m ASL; DA BT. Which isn't all that different from either the license or prior permit.
FL	Panama City; WPGX, ch. 28; granted MP to reduce ERP from 1936 kw max to 1250 kw max; same TL and height.
IN	Gary; WYIN, ch. 56; granted license to cover cp for new station; minor changes reflected in this license: 1350 kw max ERP; 306m AAT/297m AG/517m ASL.
MI	Grand Rapids; WOTV, ch. 8; granted CP to raise ERP from 282 kw to 316 kw max; reduce antenna height 13 meters to 302m AAT/296m AG/546m ASL; same TL.
OR	La Grande; KTVR, ch. 13; granted CP to reduce ERP from 12.9 kw to 7.20 kw; 797m AAT/21m AG/2195m ASL (reduction of 6 meters); same TL.
PA	Wilkes-Barre; WBRE-TV, ch. 28; granted CP to rebuild its wrecked tower; ERP to be reduced from 4120 kw max/2290 kw hor to 3020 kw max; 509m AAT/248m AG/890m ASL (35 meters lower than former tower); same TL.
VA	Roanoke; WBRA-TV, ch. 15; granted CP to increase ERP from 631 kw max/283 kw hor to 3112 kw max; 628.5m AAT/75m AG/1215m ASL (6 meters lower); same TL.
WA	Tacoma; KSTW, ch. 11; granted CP to raise antenna 79 meters to 363m AAT/273m AG/309m ASL; same ERP (316 kw) and TL.

## CALL LETTER APPLICATIONS: EXISTING STATIONS

ST	CH	CALLS	CITY/APPLICANT
AL	45	WCCS-TV	Montgomery; WHCF-TV
FL	28	WFXD	Panama City; WPGX
NV	4	KRNV	Reno; KCRL
SC	40	WLQA	Anderson; WAXA
IN	39	WMT	Greeneville; WE10
IN	16	WMTU	Jackson; WJMT

## CALL LETTER GRANTS: NEW STATIONS

ST	CH	CALLS	CITY/APPLICANT
AZ	4	KZJC	Flagstaff; WTVW Inc.
CA	43	KZJC	Glavis; San Joaquin TV Improvement Corp.
CA	29	KZJA	Eureka; James & Sharon Ben Sepulveda
IN	35	KZJG	Largmont; Longmont Channel 35 Inc.
FL	58	WDRG	Bunnell; Bunnell Communications Inc.

## ABBREVIATIONS USED IN THIS COLUMN:

AATm	Height (meters) above average terrain
AG	Antenna height above ground
ASL	Antenna height above sea level
AZ	Azimuth (North=0°)
BT	Beam Tilt
CP	Construction permit
CRTC	Canadian Radio-television and Telecommunications Commission
DA	Directional antenna
ELL	Elliptical polarization
ERP	Effective Radiated Power
FCC	Federal Communications Commission (USA)
HOR	measured along a horizontal plane
MAX	In the direction or elevation of maximum signal strength
MP	Construction permit modification
TL	Transmitter or tower location
+	carrier frequency offset 10 kHz above standard
-	carrier frequency offset 10 kHz below standard
Z	carrier frequency not offset

## APPLICATIONS FOR NEW TELEVISION STATIONS

ST	CH	ERP	AATm	CITY/APPLICANT
MT	20	15	130	Billings; Echonet Corp. (amended)
TN	26	1232	149	Knoxville; Channel 26 Ltd.

## APPLICATIONS DISMISSED

CA	Eureka; ch. 29; Charles M. Lohr.
MT	Billings; ch. 6; Mark L. Wodlinger.
NC	Greenville; ch. 14; Coastal Plain Television Inc.
TX	Houston; ch. 61; Alliance Broadcasting Co.; Houston Family Television Ltd.; SMJ Television Co.
WA	Seattle; ch. 45; Duane Tomko; Seattle Channel 45 Broadcasting Inc.

## CONSTRUCTION

### PERMITS GRANTED

ST	CH	ERP	AATm	CITY/APPLICANT
CA	29	1451	511	Eureka; James & Sharon Deon Sepulveda
MT	6	100	146	Billings; BHC Associates
NC	14	5000	457	Greenville; Karl Holbrook Stoll
TX	61	5000	596	Houston; Urban Broadcasting Systems
WA	45	5000	393	Seattle; Allen E. Hom

### CONSTRUCTION PERMIT CANCELLED

ST	CH	CALLS	CITY
KS	44	KXSK	Salina

### APPLICATION TO MODIFY CONSTRUCTION PERMITS

ST	CH	ERP	AATm	CALLS	CITY
WA	51	5000	329	KBEH	Bellevue

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FL	58	WAWD	Fort Walton Beach; Clement S. Ross
FL	22	WYUH	Key West; Penny Drucker
FL	57	WFXL	Live Oak; WFRK
FL	25	WYUH	Orange Park; Day Television Inc.
CA	23	WYUH	Dairburg; Dalton Television Associates Ltd.
IA	39	KZJR	Newton; Newton Broadcasting Co.
IA	50	WHEI	Ashland; Video Image Productions Inc.
KY	48	WDRK	Radcliff; MacPherson Broadcasting of Kentucky Inc.
ME	35	WWLA	Lewiston; Kennebec Valley Television Inc.
MA	48	WYUN	Worcester; Worcester Educational Corporation Inc.
NJ	62	WDRZ	Atlantic City; Garden State Communications
NY	51	WYDM	Batavia; Pulsar Video Inc.
NY	48	WYDC	Corning; Rural New York Broadcasting
NC	14	WYDO	Greenville; Karl Holbrook Stoll
NC	64	WDRH	Kannapolis; Community Action Communications Inc.
NC	4	WDRZ	Manteo; Manteo TV Associates
OR	28	KZJD	Eugene; State of Oregon Commission on Public Bond.

PA	53	WDOA	Williamsport; Williamsport TV Associates
PR	52	WDOF	Carolina; R. y F. Broadcasting
TN	41	WYDL	Union City; James Curtis Guthrie
TX	54	KZJC	Austin; Balcones Bcg. Ltd.
TX	16	KECC	Eagle Pass; Juan Wheeler Jr.
TX	65	KZJJ	El Paso; UNZJC Communications Ltd.
TX	61	KZJL	Houston; Urban Broadcasting Systems
TX	16	KIPC	Lubbock; Lubbock TV 16 Broadcasting
TX	36	KZJF	Paris; G&D Communications Inc.
TX	11	KEIT	Sonora; Lower Broadcasting Corporation
VA	65	WYUD	Blacksburg; Southwest Virginia Television
WA	45	KHCV	Seattle; Allen E. Hom
WI	68	WYDI	Fond du Lac; Skycom Inc.

I find it peculiar that there be this sudden surge of call letters, particularly a few blocks of alphabetically adjacent letters (WDRZ, KZJL, WYD) for totally unrelated stations. It appears that the FCC must have adopted a new policy of assigning call letters to all its construction permits that have not yet applied for call letters.

## CALL LETTER GRANTS: EXISTING STATIONS

ST	CH	CALLS	CITY/APPLICANT
CA	23	KAEF-TV	Arcata; KREQ
CA	23	KAEF	Arcata; KAEF-TV
NH	48	KZIA	Las Cruces; KASK-TV
TN	30	WLMT	Memphis; WHKW-TV
VA	27	WGNT	Portsmouth; WYAH

## NEW STATIONS ON THE AIR

AK	Anchorage; KDMD, ch. 332, went on the air 9/1/1989; 5000 kw max ERP; 30m AAT/161m AG/486m ASL; TL NE 1/4 of section 6, Township 12 North, Range 2 West, Anchorage; coordinates 61°09'57"/149°41'02"; BT HOR; independent station; address: KDMD Television, 3435 Reka Drive, Anchorage AK 99508.
HI	Hilo; KWHH, ch. 14, went on the air 10/1/1989; 13.2 kw ERP (not quite enough to reach mainland USA); -170m (below) AAT/44m AG/46m ASL; TL 71 Banyan Drive, Hilo; coordinates 19°43'51"/155°04'11"; independent station; address: Le Sea Broadcasting Corp., Box 1400, Honolulu HI, 96817.
HI	Wailuku; KOGG, ch. 152, went on the air

TX	3/22/1989; 250 kw max ERP; 1723m AAT/18m AG/2972m ASL; TL Mount Haleakala, about 32 km (20 miles) southeast of Wailuku; coordinates 20°42'34"/156°15'54"; FBC affiliate, satellite of KHNL, ch. 13, Honolulu. Conroe; KTFH, ch. 49, went on the air 6/1/1989; 5000 kw max ERP (according to latest CP; but recent MP application called for 4082 kw max); 359m AAT/356m AG/401m ASL; TL north of State Road 2090, 12 miles southeast of Conroe; coordinates 30°15'45"/95°14'50"; independent station; address: San Jacinto Television Corp., 256 N. Belt Drive, Suite 49, Houston TX 77060.
TX	San Antonio; KVDA-TV, ch. 60, went on the air 9/10/89; 1471 kw max ERP; 456m AAT/457m AG/617m ASL; TL 2.5 miles east of Calaveras Lake, Bexar County; coordinates 29°17'39"/98°15'30"; independent station; address: Nueva Vista Productions, 6234 San Pedro, San Antonio TX 78216.

## FORUM

Gonna be a real short column this month! With the FCC's freeze on television applications, there has been a big drop in applications for new stations and applications dismissed. Although I haven't reported consolidated hearings for several months, they have also been on the decline. Within the next year or two, if the freeze is still on, we will see a sharp decline in permits granted and new stations on the air.

Mail has also been light this past month, with only a few letters. So here we go.

RICHARD STEINBERGER (Hudson MA) sent in an article from the 10/9 *Marlboro Enterprise/Hudson Daily Sun*: "WHRC-TV went off the air at 1:30 p.m. Sept 21 and has been dark ever since. The fledgling independent station's future remains up in the air. Phone calls to the station's Cambridge (Mass.) sales office and the Channel 46 transmitter site in Foxboro went unanswered last week. Station owner Alan Lidow could not be reached for comment at his Los Angeles office.

"Channel 46 maintained a local staff of about 12 people. Employees said they were told they still have jobs, but were asked to 'be patient' as management regrouped. E. William Henry, Lidow's Washington, D.C.-based attorney, said that the FCC was advised that WHRC was off the air and planned to resume broadcasting in the 'near future.' Henry said the station did not cite a reason for going dark, though other sources pointed to financial problems."

"Lidow moved Channel 46's transmitter from Norwell to Brockton in April 1988 and jacked up WHRC's power to about 1 million watts. At that time, a varied program schedule was introduced...." "Channel 46 went off the air last December to relocate its transmitter to Foxboro. That move did not pay off. A balky generator there repeatedly knocked the station off the air." "The station has yet to secure a permanent tower site to permit it to go to full power, or as Lidow put it, from 'Middle 46' to 'Big 46.'"

"WHRC is the second TV station in the region to go dark this year. The Flatley Company's WNHT, Channel 21, halted its telecasts from Concord, N.H., on March 31 due to cash flow



problems."

**ED FADER** (New York City) sent an article from the 9/14 *New York Times* which reports on an interesting development in the cable industry: a cable television station. "To compete with traditional broadcast television stations, Time Warner Inc. is transforming a channel on the cable system it owns in Rochester into an independent station, programmed with network reruns, sports and locally produced children's shows. Cable systems carry broadcast stations along with channels available only on cable. The debut of WGRG-TV on Cable Channel 5 in Rochester, scheduled for a week from today, is the first time that a cable operator, which charges subscribers a monthly fee, has created a station to challenge local broadcast stations, which are available free to all television owners."

Ed asks, "where did these calls come from." Anybody can give himself or herself a call letter. For example, the Women's Christian Temperance Union goes by the call letters WCTU. The World Wrestling Federation uses WWF. Potassium Sulfate uses K2SO4.

**BILL NIENAJADLY** (Clinton NJ) writes, "WBRE Ch 28 Wilkes-Barre PA is much stronger here. The audio is always there, but the video is weak...weird!" (audio ERP is usually 10% to 25% of video ERP. Maybe video isn't quite up to full power yet.) "But 94 miles to the xmitr from Clinton NJ is pretty good, considering a meager 21 db with 18 db amp is my modest equipment. Every NJ and NY DXer sez chg. 38 from Scranton is weak. Not here! They're stronger than 22 & 28! 16 & 56 are the weakest here, 38 Scranton comes in better than 29 Philly!"

"What are the calls & power of W597? xtr of WUIT-30-CT? See them a month ago & another NJ DXer further away seen them too." It's W599A; 1 kw TPO, but only 809 watts ERP.

**JEFFERSON E. LEWIS** (Kansas City MO) confirms my suspicion as per last month's column on NEW STATION ON THE AIR, reporting on KFAA, Rogers AR. "I had just returned from a visit to my family home in Fayetteville, Arkansas." As per a phone call to John Phillips, one of the two engineers at KPOM, KFAA channel 11 has its tower on Fitzgerald Mountain, a Springdale, Arkansas, along the Washington/enton County line. It is 190 feet above the top of the mountain and a fraction of an inch short of 460 feet above average terrain (140 meters, as mentioned last month. -wbf). Its ERP is 203 kw picture, 20.8 kw sound. Mr. Phillips also reported that they are presently directional east and west, with dials to the north and south so as to protect Missouri and their mother station in Ft. Smith, channel 24. However, they are in the process of applying for a permit to go omnidirectional since their present antenna just did not do what they thought it would.

**MICHAEL PARKS** (America WI) sent in a lot of information. "It now appears that the demise of KXLI-41 and KXLT-7 was all for naught. As had been reported, none of the proposed

Minnesota Independent Network (MIN) stations made their scheduled air dates and after several months of claiming they were just too busy with 'bigger fish to fry,' KIMA-23, which was to be the flagship station, finally admitted that the plan had fallen through. The revelation came as a result of KIMA-TV filing Chapter 11 bankruptcy last August. The owners hope that the debt reorganization will hold their creditors at bay long enough for them to arrange more financing. Part of KIMA-TV's financial problems stem from poor ratings which are actually a bit lower than KXLI's were during their financial crisis a few years ago. KIMA-TV hopes to boost the sagging ratings by promoting local talent but the only thing to have shown up so far are a couple of locally produced home shopping shows. About 15% of their schedule consists of paid commercials that disguise themselves as programming. They've lost much of their syndicated programming due to nonpayment. Seems to me they're chasing away the few viewers they do have as they shift their schedule around without notice every couple of weeks; you just can't trust their listings in the TV Guide any more. Maybe everyone concerned would have been better if KXLI with its slightly deeper pockets and somewhat better ratings had been chosen to be the MIN flagship station. But rumor has it that MIN might have fallen through anyway. It seems several of the investors in KXLI were happy with the station as was, and were not at all happy about KXLI's plan to go in with KIMA-TV.

Incidentally, Bill, in your March column, your comment that KXLI/KXLT are owned by Halcomm, Inc. is correct; however, you were incorrect when you stated that the stations were no longer owned by L.E.O. Broadcasting of Mr. Goins. Halcomm did not buy the stations per se, but bought a controlling interest in the company that did own the stations; thus, L.E.O. (along with Mr. Goins, who was one of the investors) became a subsidiary of Halcomm. For all intents and purposes, L.E.O. Broadcasting Inc. was the name used in conjunction with the ownership of KXLI/KXLT. That was the name used on the air up through their last broadcast day and is the name listed on my latest FCC microfiche from last spring.

"The Twin Cities' third LPTV station, K53CH, St. Paul, signed on the air September 25th. Their transmitter is atop the IDS Center in downtown Minneapolis with studios on the 48th floor. Their ERP is only 1.8 kw yet they are always watchable whereas 1.06 kw K58BS, which also transmits from downtown Minneapolis albeit from a site some 300 feet lower, is often barely detectable. As to their programming, the owner's name, Catholic Views Broadcasts, Inc., is a dead giveaway. (Isn't that what they call Mass Media -wbf) (or maybe Non-commercial programming? -wbf) Programming only runs from 6 to 10 each night with the other 20 hours of each day being devoted to the continuous running of a short loop which tells about the station, the next

day's program schedule and the significance of that day to Catholics. The station is very low cost, being run entirely by volunteers with just two VCRs. K53CH differs from most other low power in that they are gratuitous D'sers. They display a visual ID about every 15 minutes during programming and during each round of the three to four minute loop."

"An article that appeared in the September 25 *Star Tribune* is so confusing it's almost unintelligible. (Sounds like my Calculus textbook! -wbf) The article states that the FCC has reserved the use of channel 30 for the Thief River Falls (MN) Technical Institute to broadcast educational and noncommercial programs. A spokesperson for the school said, 'We filed an application as a lark. Then we found out we could probably get a channel assigned to Thief River for education and followed it up, not really knowing what direction we were going.' (I'll say! It sounds as if they're doing everything backwards; get a CP then file an application for it, followed by a petition for rule making for the channel assignment). The spokesperson also said it would be a 'million dollar project' so I assume this isn't a low-power station. My guess is that the reporter is really trying to say that the school filed the petition for channel 30, it resulted in a channel assignment for Thief River Falls, and now they plan to apply for a construction permit. (At least the article didn't say they had a license for the station. -wbf)

"A few articles concerning KVBM-45 which reappeared in the same paper last spring made considerably more sense, even referring to the FCC granting a CP instead of a license. Vision Broadcasting has apparently given up on the station as they have transferred the CP to the man they had hired to do all their leg work for them, Dan Peters (yes, the guy who uses rock records in lieu of firewood). (I know some guy who would like to use Calculus and Economics textbooks in lieu of firewood. -wbf) Peters has given up his career as a minister to become president of his new corporation, KVBM Television, Inc. Peters and his associates have apparently decided to change the direction of the station and instead of a nonprofit religious station, now plan to make KVBM-TV a for-profit independent with 'family oriented' programming and no more religious programs than are shown by any of the other Twin City stations. The lack of newspaper articles is apparently the result of Peters trying to avoid publicity. He says he's afraid that people will recall his years as a minister crusading against rock music, and whether they love him or hate him for it, will believe he's trying to bring 'televangelism' to the Twin Cities. Despite his assurances that he and his associates 'are just all-American capitalists trying to make a buck,' Peters is still fighting a losing battle to find a transmitter site. He offered to build an 1150' free-standing tower that would look like the Eiffel Tower and even went so far as to offer a 'user's fee' (bribe) of \$100,000 annually. Nevertheless Little Canada, Roseville, Shoreview and Arden Hills all turned him down. They all said it was due to safety and aesthetic reasons, yet each of those cities is crossed by far worse looking high-voltage

electric lines and their supporting utility towers. Evidently Peters just doesn't have the clout and loud voice that Northern States Power does when push comes to shove. Peters' best chance came when he asked the St. Paul Board of Zoning Appeals to approve a 659' tower in a salvage yard in an industrial area west of Hwy 280 in the far northwest corner of the city. City Planner Marv Bunnell and the Community Housing Committee both recommended approval. The only opposition came from City Council Member Kiki Sonnen who managed to throw a wrench into the works when she discovered that last December the Minnesota Environmental Quality Board began requiring environmental reviews for communications towers taller than 500 feet. The review was to extend past the CP's expiration date of July 17, 1989. That date has come and gone but there's been no further news. I assume Peters was granted an extension as you listed an amendment to his application for a MP modification in your September column. Do the coordinates this time match the aforementioned site in St. Paul or is he trying for yet another location? I'm beginning to believe that his fears about people rejecting his plans due to his past actions are more than justified." (That TL called for a 630-foot tower, east of Hennepin/Ramsey County boundary, south of Lauderdale, west of the railroad tracks, and west of Hwy 280. -wbf)

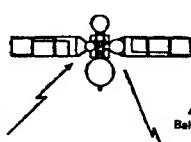
"Still no sign of WEUX-48, Eau Claire. I was last by their proposed transmitter site on July 24 and there was nothing there but WQOW-18's free-standing tower atop a tree covered knoll. No sign yet of KRBR-21, Duluth, either. Have either of these two had their CP cancelled yet. They're both over two years old." (none that I know of. -wbf)

"Once again the Grand Marais, MN translators will be shut down until residents cough up the \$6,000 remainder of the \$20,000 yearly operating fee. Grand Portage's residents have already paid their \$20,000 in full but the translators there will also be shut down as they depend on those in Grand Marais for their input signals. Each year the money comes in slower than the previous year so both cities have jointly formed the Save Our Translators Committee to facilitate donations. As with PBS stations, residents pay on the honor system which has some of those who pay tired of footing the bill and calling for a local television tax such as England's.

"Speaking of translators, I've noticed a peculiarity about WHWC-28's two. They seem to have built-in protection against the erroneous rebroadcast of other channel 28's. Several times I've seen W55AP, River Falls, and W39AF, Webster, shut down after sign-off yet WHWC-TV remains on the air for testing. At first I thought WHWC-TV was merely using reduced power causing received signal levels to fall below the translators' input thresholds, but judging from the presence of the usual amount of slopover, I doubt that is the case. Could the translators be remotely controlled by a code signal embedded in WHWC-TV's vertical blanking interval? (That is one possibility. Maybe they receive a microwave relayed broadcast signal, or some other means of remote control. -wbf)

Next month: more Parks, John Combs, Paul Gaines.

# SATELLITE NEWS



GEORGE W. JENSEN  
4604 Annapolis Avenue  
Baltimore, MD 21206-4220

Greetings again. Lots of trivial problems amassed last month and a column was not possible. Still not too much new to report.

The Porn Channel I mentioned sometime ago using the VCI system is apparently the new Rendezvous PPV service using VCII with Video-Pal activation. This is on Spacenet 2 XPDR 3 along with its sister operation - Drive-In Pay-Per-View also VCII using Video-Pal.

Also still running full time on Spacenet 2 - XPDR 19 is SCOLA.

The new Showtime Sat Net/Viacom News Service is scheduled to be on Satcom 2 - possible XPDR 5 using VC2. News services in PAL and SECAM color formats can sometimes be seen on this bird.

CNH is using more and more transponders on Galaxy 2 for feeds and other events. Sunday Mass for Fox's New York Channel 5 is carried on XPDR 5.

The HBO Comedy Channel will be on Galaxy 1 XPDR 1 and possible on Satcom K-1 in VCII.

Home Team Sports has vacated Satcom 4 and is now on Spacebat 3 Z3.

Z-Channel is now apparently just Sports Channel Los Angeles? - Satcom 4 XPDR 17

Note that virtually all CBS feeds are now encoded with only a very few exceptions.

In the near future Westar 4 will be phased out and replaced by a new Western Union Craft. Look for PBS to relocate many feeds on K-Bank maintaining one National Feed on C.

Keystone Inspiration is located on Westar 4 - XPDR 9 - religious.

On ANIK C-I -

The French Sports Channel is operating with VC2.

TVTV - TV 5 is on D2 as is First Choice.

There is also operating a Chinese channel.

The Canadian Home Shopping Channel (English) is now on D2.

On Satcom I - 3 Angels is simulcasting on XPDR 16 as well as 17.

On Morelos - there are many feeds too weak to decipher here, but there appears to be a SuperChannel type of operation testing on XPDR 9 or 11 with the ID - SuperCanal X-E-Ah The letters X, E and the sound of Aaahh. (not the letters)

When CBC Newfoundland signs-on it gives a complete list of all affiliates. For those interested - here it is:--

CBMT - ch 8 - St. Johns

CBYT - ch 5 - Corner Brook

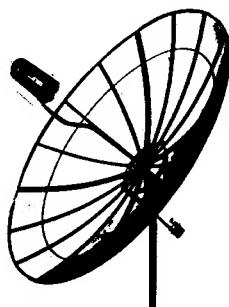
CFLA - Goose Bay -

CBNLT - ch 13 - Labrador City

I will try to list the 70 some repeaters at a later date.

See you in '80 and '73's

*George*



## QSL CORNER & LOGO'S RUN

Thomas J. Yingling, Jr., KA3TCC  
221 Pinewood Road  
Baltimore, MD 21222-2345  
Phone # 301-282-5649

NS 92.3 CBAF-FM-12 Margaree, X P. O. Box 950, Moncton, NB E1C 8N8. Letter and CBC qsl card back from Marcel Cantin, Regional Supervisor of Transmitter Operations, Province of New Brunswick, says "The conditions must have been unique for you to have captured our signal, Congratulations." My top skip qsl! Nice letter back in about 1 month for an 82 watt station, note error in FM Atlas listed as 100kW! This came in overtop WYST-FM Baltimore on same freq. (Hank Holbrook)

VA 105.3 WZCL Portsmouth, 1318 Spratley St., zip 23704. Letter back from Charles Rippel, CE & Executive Director of NASMA! who send a great letter back in 19 day about. (Hank Holbrook)

MD 98.3 WQMR Mechanicsville, The Morgan Bldg., Rt. 5, zip 20659. Letter back from Roy Robertson, GM in 13 days. (Hank Holbrook)

NS 92.1 CBHY Yarmouth, X CBC Box 3000, Halifax, NS B3J 3E9. Send CBC Halifax card with full data in 2 months. (Hank Holbrook)

TX 105.1 KYKS Lufkin, P. O. Box 2209, zip 75901. Send a handwritten letter from Dawn Christi, Morning Air Personality in 2 months. (Hank Holbrook)

AL 91.9 WMBV Dixons Mills, P. O. Box 91.9, zip 36736. Send letter, program schedule & bumper sticker from Robbie Moore, Station Manager who says they were also received in R.I. by skip. (Bruce Elving)

AL 91.5 WQPR Muscle Shoals & 91.5 WUAL Tuscaloosa, X P. O. Box 870370, Tuscaloosa, AL zip 35487-0370. Both qsl'd in one letter from Rena Stahmer, Dir. who says both stations are on from 5

AM to 1 AM, with 6 AM sign on weekends, & WQPR a full repeater with no staff or studios, getting the WUAL programming via ETV microwave. (Bruce Elving)

AZ 88.7 KNAU Flagstaff, Northern AZ Univ., Box 5764, zip 85011. Russ Hammett, Mgr., sent friendly letter, verifying & inviting me to visit, saying "The Grand Canyon is about 1 1/2 hour away." (Bruce Elving)

ID 106.1 KZFN Moscow, P. O. Box 8849, zip 83843. Larry L. Ayer, CE sent letter & bumper sticker & says "I am very pleased & somewhat amazed that your reception was strong enough to trigger stereo." (Bruce Elving)

GA 89.5 WYFK Columbus, X Rt. 1, Box 109, Cataula, GA zip 31804. Letter & program schedule from Mark A. Andrews, Mgr. (Bruce Elving)

LA 91.5 KPAE Erwinville, X 13028 US Hwy. 190 W, Port Allen, LA zip 70767. Program guide & letter from Willie F. Kennedy, Pastor/President. (Bruce Elving)

NM 98.7 KMTM Mailjamar & 89.5 KENW Portales, X Eastern NM Univ., Portales, NM zip 88130. Letter from Constance M. Gotsch, Program Dir. for both stations qsl'ing & send a program guide too. (Bruce Elving)

OR 96.1 KSRV Ontario, P. O. Box 129, zip 97914. Letter from Dave Adams, Operations Mgr. who mentions other dx reports, & their AM station been heard in Finland & other European countries. (Bruce Elving)

SD 94.5 KPLO Reliance X KEL0land Box 25, zip 57669. Letter from Darrel House, CE. (Bruce Elving)

TX 88.1 KGNZ Abilene, 542 Butternut, zip 79602. John R. Scaggs, Operations Dir/Eng sends letter. (Bruce Elving)

WI 94.3 WROE Neenah, Box 1035, zip 54956. Letter from John Michaels, Operations Mgr. says "Our old engineer kept these reports & I'm not sure what he did with them. (Bruce Elving)

GA ch. 22 WJCL-TV Savannah, P. O. Box 13646, zip 21406. Letter from J. Fred Pierce, executive Vice Pres. I send case, but the letter came back in station's own envelope in 27 days. (Jeff Wolf)

FL 105.9 WOCL Deland, X 2101 S.R. 434, Longwood, FL zip 32779. PFC (Pre-prepared



card) back in 8 days from Mike Senski, CE (Robert Ross)  
**FL 101.1 WSTF Cocoa Beach, X 2500**  
 Maitland Ctr. Pky, Suite 401, Maitland, FL zip 32751-4122. PFC back in 8 days from C. Huever, CE. (Robert Ross)

**FL 91.3 WSEB Englewood, 2800 Peacide Rd., zip 34224.** PFC in 5 weeks from unreadable name. (Robert Ross)  
**FL 105.1 WQXT Miami, 3200 Ponce de Leon Blvd., zip 33134-7297.** PFC & business card in 4 weeks from Bruce Hirsch, CE. (Robert Ross)

**FL 100.7 WUSA Tampa, 504 Red St., zip 33609.** PFC & letter back in 4 weeks from Lloyd Berg, CE (note WUSA-TV is in Wash, DC & not owned by WUSA-FM, editor) (Robert Ross)

**MI 99.1 WFMK East Lansing, Box 991, zip 48826.** PFC in 2 weeks from an unreadable name. (Robert Ross)

**GA 96.7 WZLS Valdosta, Box 5406, zip 31603-5406.** PFC & letter in 1 month from Louie Neal, DJ. (Robert Ross)

**FL 100.1 WEEJ Port Charlotte, X 4288-A**  
 Jotoma Lane, Punta Gorda, FL zip 33980. Letter back in 1 month from Jeff Winston, Asst. Eng. (Robert Ross)

**OH 106.3 WQTL Ottawa, Box 5, zip 45875.** PFC & business card back in 2 weeks from Kent D. Smith, G.M. (Robert Ross)

**IN 103.9 WZZP Mishawaka, 100 Center, Box 644, zip 46544.** PFC & business card back in 2 weeks from Mike Shannon, CE in 2 weeks. (Robert Ross)

**IL 91.5 WCIC Pekin, 2363 Court St, zip 61554.** PFC & letter back from Dave Brooks, Station Manager in 2 weeks. (Robert Ross)

**NY 89.1 WBSU Brockport, Seymour College, State University of New York, College at Brockport, zip 14420.** PFC & business card back in 1 month from Tim J. Lyman, General Manager. (Robert Ross)

**FL 88.9 WTCE Tarpon Springs, X Box 6060, Hudson, FL 34674.** PFC & letter back in 1 month from Bryant Nelson, General Manager. (Robert Ross)

**FL 90.1 WSFP Fort Myers, University of South Florida, 8111 College Parkway, Area 216 (?), zip 33907.** PFC & letter back in 1 month from Ron Kotas, CE. (Robert Ross)

**FL 91.7 WFTL St. Petersburg, X 1120**

Pinellas Bayway, Suite 103, Tierra Verde, FL zip 33715. PFC & business card in 2 weeks from S. J. Callahan, CE. (Robert Ross)

**FL 98.3 WOKD Arcadia, Box 794, zip 33821.** PFC & letter back from Murraray Benton, CE in 7 weeks. (Robert Ross)  
**TX 90.9 KTSU Houston, 1718 Norfolk, Suite 2, zip 77098.** PFC back in 2 months from an unsigned person. (Robert Ross)

**FL 88.7 WAYJ Fort Myers, Box 061275, zip 33906.** PFC back in 4 weeks from Bob ?? Burg, no title. (Robert Ross)

**MI 104.9 WFLC Alma, Box 629, zip 48801.** PFC back in 10 days from David W. Sommerville. (Robert Ross)

**Mexico XHQ-3 ch. 3 Culiacan X**  
 Televisora En El Pacifico, Apartado Postal No. 337, Culiacan, Mexico. Letter received by registered mail, which loosely translated reads as follow. "My apology for not answering your courteous letter of May 23 sooner, as I have been out-of-town for several weeks."

(confirming my reception): "For atmospheric reason, our channel 3 was captured in the States on May 18 between 2200 and 2250 PDT. Effective this day (5/18) transmitted over the air for principal client, 'Almacenes Coppel', was the movie *Moscow on the Hudson*, and during the stationbreak you saw the commercials (listed in letter) with identification of our channel 3. Again many thanks for your courteous letter. With closing (thanks) of our group, I am sending program guides for the months of June, July, and August." (Ed Frye) (note from editor: this letter is misplaced and just found. Copy of letter & program guide is also used this month. Sorry about this.)

**93.7 KRQ**  
 Tucson's ONLY Hit Music Station.

WBSS-AM  
**98 GOLD**  
 Good Old Rock 'N Roll

**COUNTRY**  
**101 WDRM**  
 Huntsville - Decatur

**Z16 AM STEREO**  
 KXZZ

**WNYF 94.0**

**KAPR**  
 AM-1400

**WLSO**  
 88.3 FM

**KCVO**  
 90.7 FM  
 San Jose - Costa Rica

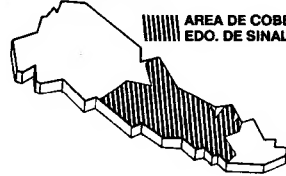
**WQZN**  
 1280

**WFTL**  
 RADIO 1400 AM

ESTIMADO MR. FRYE:  
 RIGOROSA DISCULPACION POR NO RESPONDER A SU AMABLE CARTA DEL 23 DE MAYO. EL DIA DE HOY PUEDEN ESTAR DE VIAJE POR VARIAS SEMANAS Y NO ME HABIA SIDO POSIBLE HACERLO.  
 NOS COMPARCE QUE POR RAZONES ATMOSFERICAS, NUESTRA SEÑAL DE TELEVISION DE CANAL 3 DE CULIACAN, SINALOA, HA SIDO CAPTURADA POR DISTINTOS ESTADOS DE AMERICA LATINA ENTRE LOS 22:00 Y 22:30 (HORA DE CULIACAN TIME).  
 EFECTIVAMENTE ESE DIA TRANSMITIMOS AL AIRE POR UNA CORTEJIA DE UNO DE NUESTROS PRINCIPALES CLIENTES DE LA LOCALIDAD "ALMACENES COPPEL". LA PELICULA "MOSCOW ON THE HUDSON" EN EL CORTE DE ESTACION QUE OSTE VIO, LOS COMERCIALES:  
 -"BENEFICIO DE LA CRUZ ROJA/CLUB DE LA VIEJA AMIS-"  
 -"VALERIA/FRATE A CINEMAS GIGANTES/TEL. 3-76-60-"  
 -"SANTOS CORONA ES... SERCO/TELEFONO 3-04-38-"  
 ASI COMO LA IDENTIFICACION DE NUESTRO CANAL XHQ-TV-3.  
 UNA VEZ MAS GRACIAS POR SU AMABLE CARTA.  
 CON UN SALUDO AFECTUOSO DE NUESTRA PARTE, ME PERMITO ANEXARLE CARTA DE PROGRAMACION DE LOS MESES DE JUNIO, JULIO Y AGOSTO DE 1989 DE ESTE CANAL 3 DE TELEVISION DE CULIACAN, SINALOA, MEXICO.  
 MUY CORDIALMENTE,  
 SR. CARLOS SANCHEZ RODRIGUEZ,  
 DIRECTOR.  
 (CARTA DE SANCHEZ - TEL. 3-04-38-)  
 CULIACAN, SINALOA, MEXICO

# Junio Julio Agosto 1989

PERMANENCIA											
VOLUNTARIA											
PATROCINADO											
VOLUNTARIA											



AREA DE COBERTURA EDO. DE SINALOA

JUNIO	JULIO	AGOSTO
D I M J V S	D I M J V S	D I M J V S
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

JUNIO	JULIO	AGOSTO
D I M J V S	D I M J V S	D I M J V S
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

JUNIO	JULIO	AGOSTO
D I M J V S	D I M J V S	D I M J V S
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

**T.V. de Culiacan, S.A. de C.V.**  
 Loma El Mirador s/n Culiacan, Sinaloa  
 3-01-90, 3-02-90, 3-66-55

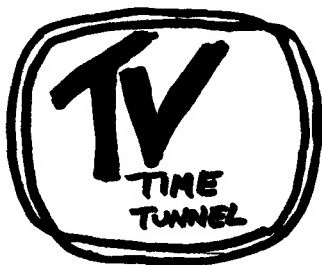


Ventas 3-78-05 Télex 665841

Una buena señal

Televisora afiliada a Televisa, S.A. de C.V.  
 Av. Chapultepec 19 Col. Doctores Mex. 06724 D.F. Tel. 7-09-33-33





Submitted by Tom Bryant  
249 Todd Preis Dr.  
Nashville, TN 37221

## THE HISTORY OF TELEVISION [Part Two]

### World War II:

Electronic hardware was in high demand for the war effort, and as a result, television production was discontinued during the war years. Research, however, continued. In 1945 RCA perfected the image orthicon camera tube which improved video resolution and clarity even further.

### Channels Are Allocated:

In 1945 the FCC allocated 13 VHF channels between 44 and 216 MHz for commercial television, but noted at the time that there was not enough spectrum space below 300 MHz for an adequate nationwide system. Twelve of the VHF channels had to be shared with non-broadcast two-way radio services. To prepare for expansion, the UHF frequencies between 480 and 920 MHz were made available for experimental TV. In 1948, because of interference with commercial TV, the VHF sharing with 2-way was ended; and TV channel 1 (44-50 MHz) was deleted and assigned exclusively to land mobile (two-way) service.

### Postwar Milestones:

On September 17, 1946 television receivers again became available. January 3, 1947 marked the first telecast of the U. S. Congress in session. The inauguration of President Harry S. Truman was seen over 15 stations from Boston to St. Louis on January 20, 1949. On May 31 of that year the first closed circuit color telecast of a surgical operation was made from the University of Pennsylvania Hospital in Philadelphia. But, amid all the successes, major problems were coming to the forefront.

### The Freeze:

As the FCC had foreseen, it was evident that the available channels were too few for nationwide service. On September 30, 1948, the Commission stopped accepting new applications in order to study the situation. This was the so-called "Freeze" order. Areas of consideration included developing new engineering standards, opening UHF channels for TV, considering color systems, reserving of channels for non-commercial use, and creating a national assignment plan for all channels.

### Into The '50s:

With the Freeze in place the Commission began to tackle the problems at hand. Color was given top priority. Three systems were considered: the 'field sequential' system proposed by CBS; the RCA 'dot sequential' system; and the 'line sequential' system proposed by Color Television Incorporated. The FCC found the CBS 'field sequential' system was the only one that met it's criteria for color operation; even though this system could not be received in monochrome on existing receivers (the others claimed theirs could). This method of operation was adopted in 1950.

[to be continued next month]

## TV C.C.I. [UNIDENTIFIED DX]

John F. Combs (N4SFS), 1308 Willow Branch #24, Jacksonville FL 32205

No, this is not a resurrection of the TV-CCI AIDS column! TV-CCI AIDS was intended as a companion column to compliment the original TV-CCI column. However, TV-CCI has not appeared in the VUD in over a year, and this installment will serve to introduce newer members (and re-introduce older WTFDAers) to the principles and procedures of the TV-CCI column. Let's answer some of the questions that may be in your mind...

**WHAT IS THE TV-CCI COLUMN?** TV-CCI is a column wherein we try to solve your unidentified TV-DX. All members are encouraged to send their "mystery" loggings to the column. By the same token, all members are encouraged to look over others' unIDs and help to solve them.

**HOW OFTEN WILL TV-CCI APPEAR IN THE VUD?** As often as necessary, dictated by the volume of unIDs sent in. There is no actual deadline for TV-CCI--feel free to send your unIDs in at any time. When there is enough material for a page or two, I will do a column. Hopefully, that will turn out to be on at least a bimonthly basis.

**WHAT SORT OF UNIDENTIFIED LOGGINGS SHOULD I SEND TO TV-CCI?** The column is intended primarily for "high priority" loggings--those that you suspect may result in a new station or state, unusually long tropo loggings, possible double-hop skip, etc. Of course, if you are fairly new to a DXing location, many loggings may be potentially new ones. Use your discretion in deciding which unIDs to send. A second guideline is to only send unIDs that have a reasonable chance of being identified. For instance, a network program seen at its normal broadcast time is hardly specific enough to narrow down the possibilities. But a network program seen in an odd time slot (tape-delayed) is a good clue. Even syndicated shows like "Gerald" and the ilk are run by many, many stations at common times (usually 0900 or 1600 local time), but seeing one of these shows at, say, 2330 would be unusual enough to have a good chance of being tracked down.

**IS YOUR JOB AS TV-CCI EDITOR TO SOLVE ALL MY UNIDS?** Heavens, no! I'm not Mr. Know-It-All and possess no psychic powers. I am most pleased to help solve your unIDs by using any resources I may possess to take some educated guesses. But the primary theme of TV-CCI is "DXers helping DXers" to solve those mysterious loggings. One DXer's possible double-hop may be your pesty local! The TV-CCI column is the "last resort"--when your own research, letters, phone calls, hunches, and wild guesses have failed to yield an ID, the TV-CCI column puts the collected minds of the membership to work!

**HOW SHOULD I SEND IN MY UNIDENTIFIED LOGGINGS?** Preferably in the same format in which they will appear in the column. Below are a few sample unIDed loggings for illustration:

Mon Jun 31 1800 EST Es ch 3 --- ABC "General Hospital" running 3 hours later than East Coast. Also noted a local news promo w/anchor Joe Blow. Odd time for delayed broadcast, so very likely a double-hop from the Pacific Time Zone. KEYT seems most likely. PTA: Western U.S. (PST)

1859 EST Es ch 6 --- Ad for "Buckaroo Bar & Grill" then ID "Rocky Mountain Television...K???" into CBS News (1900 EST feed). PTA: Rockies.

Sun Oct 13 0225 EST Tr ch 49 --- Fox affiliate w/promo for "21 Jump Street," AIDS PSA, then very brief s/off w/no SSB. Off & on testing with 3/4 CB all night. Can't find it in any list--new station? PTA: Eastern Seaboard from Carolinas to MD.

0257 EST Tr ch 66 --- TBN station, no 0300 ID, so probably an LPTV. PTA: as above.

Include as much information as you have: network, offset, local ads, test patterns, etc. The PTA is the Probable Target Area: the geographic area you think is most likely the source of the DX (the more specific, the better). Times should be your local clock, but be sure to indicate if the suspect station may be in another time zone.

**WHAT SHOULD I DO IF I CAN IDENTIFY SOMEONE'S MYSTERY LOGGING?** Two things. First, send the DXer in question a card or letter with the information. Then, also send that ID to the TV-CCI column. The former insures that the DXer gets the info quickly, without waiting for the column to appear; the latter is for the benefit of other members who may, after all, log the same station some day!

Each installment of TV-CCI will also include a brief discussion of hints and tips for identifying your DX in a series called "The Art of the I.D." (And yes, there is somewhat of an art to it! It's not always sheer, dumb luck.) After all, no matter what your DX interests, there's nothing as frustrating as an unidentified signal!

One last note: I would welcome any TV GUIDE editions that members wish to donate to the column on a regular basis! Newspaper skeds including new, obscure, or LPTV stations are particularly desired. So don't wait! Send your baffling unIDs today! 73, JOHN

## DECEMBER 1989

Short/Golfport/Passequin

SO GOOD TO TURN TO **WXXI**

# PHOTO NEWS

DECEMBER 1989 page 2

A black and white photograph of a television screen. The screen displays the KBLT-TV logo, which includes the call letters 'KBLT-TV' and the text 'Little Rock, Arkansas' below it. The image is grainy and has a high-contrast, almost solarized appearance.

to be continued...

## A DX CHRISTMAS



SEASON  
GREETINGS

DAVE-2

# NORTHERN FM-DX

GREG CONIGLIO  
5100 GLENWOOD DRIVE  
WILLIAMSVILLE, NEW YORK 14221

FOR DXers in: CANADA, ME, VT, NH, MA, RI, CT, NY, PA, NJ, OH, MI, IN, IL, WI, MN,  
ND, SD, NE, IA, MT, WY, IA, WA, OR, AND AK.

DECEMBER 1989



DEADLINE: NOW THE FIRST



HAPPY HOLIDAYS!!



## DAVID BRUMFIELD - 1618 CHESTER BLVD - RICHMOND, INDIANA 42374

Equipment: Akai VO-4 Tuner - Winegard Antenna - GE Superadio with whip

### APRIL 21 TROPO

2222 WIZN 106.7 VT Vergennes-Burlington  
2224 WRKZ 106.7 PA Hershey

### MAY 5 E-SKIP

1644 KHOY 88.1 TX Laredo  
1650 XHSAB 89.5 NL Sabinas Hidalgo

### MAY 29 TROPO

0439 WKBC 106.5 IL Granite City/St Louis

### MAY 31 E-SKIP

1955 KCEV 88.3 KS Wichita, g  
2045 KYCS 95.1 WY Riverton  
2053 KTKA 93.9 WY Riverton  
2053 KQSW 96.5 WY Rock Springs

KDLY 97.5 WY Lander

2127 KYGO 98.5 CO Denver

2133 KRAI 93.7 CO Craig

2133 KQZR 102.5 CO Craig

### JUNE 1 TROPO

0017 WWKS 106.7 PA Beaver Falls

### JUNE 12 METEOR SCATTER

0450 WIZN 106.7 VT Vergennes-Burlington

### JUNE 14 E-SKIP

0917 WAYJ 88.7 FL Ft. Myers-Naples

0924 WKZY 92.1 FL LaBelle

0925 WCMQ 92.3 FL Hialeah

0934 WXDJ 95.7 FL Homestead-Miami-

Fort Lauderdale

0936 WINK 96.9 FL Fort Myers

0955 WBVM 90.5 FL Tampa

1012 WOVV 95.5 FL Fort Pierce

### JUNE 15 E-SKIP

1140 XHSAB 89.5 NL Sabinas Hidalgo

### JUNE 18 E-SKIP

1213 KAJA 97.3 TX San Antonio

### JUNE 23 E-SKIP

many relogs to south Texas

### JUNE 29 METEOR SCATTER

0145 WJJY 106.7 MN Brainerd

### JUNE 29 TROPO

2145 WAXZ 97.7 OH Georgetown o/WOXY

2200 WBKW 99.5 WV Beckley-Bluefield

Princeton

### JULY 3 E-SKIP

2100 KLYT 88.3 NM Albuquerque

2105 KRST 92.3 NM Albuquerque

### JULY 4 E-SKIP

1752 KYRP 95.5 TX Haskell-Abilene

1758 KBCO 97.3 CO Boulder

1858 KKFH 96.5 CO Colorado Springs

Springs-GreenR.

many uniDs to Texas and Colorado

### JULY 6 E-SKIP

1254 WZZR 92.7 FL Stuart

1256 WCMQ 92.3 FL Hialeah

1306 WQCS 88.9 FL Fort Pierce

1312 WGTR 97.3 FL Miami-Ft Lauderdale

1313 WRMF 97.9 FL Palm Beach

1316 WKIS 99.9 FL Boca Raton-Miami

many other tentatives

### JULY 7 TROPO

WCJO 97.7 OH Jackson (rare)

### AUGUST 2 GROUND WAVE

1502 WJNY 102.9 IN Delphi

### AUGUST 2 TROPO

1708 WKBC 106.5 IL Granite City-StLouis

2208 WWCJ 105.7 IL Peoria

2211 WSWT 106.9 IL Peoria

2213 KRVR 106.5 IA Davenport

2214 WKPK 106.7 MI Gaylord-Traverse

City-Petoskey

2311 CKNX 101.7 ON Wingham

### AUGUST 3 TROPO

0005 WTCM 103.5 MI Traverse City

### AUGUST 3 E-SKIP

1223 KLDE 94.5 TX Houston

1224 KVIC 95.1 TX Victoria

1311 KBHI 93.5 TX Crockett

1315 KAPT 94.7 TX Luling-Austin

### AUGUST 4 E-SKIP

2038 KHOY 88.1 TX Laredo

2040 KNLE 88.1 TX Round Rock-Austin

### AUG. 6 E-SKIP several uniDs

### AUGUST 11 METEOR SCATTER

0145 WDJZ 100.3 FL Orlando

### AUGUST 12 METEOR SCATTER

0320 CBHB 106.7 NS Mulgrave

0340 WRKZ 106.7 PA Hershey

### AUGUST 14 E-SKIP

1246 WMCU 89.7 FL Miami

1253 WGTR 97.3 FL Miami-Ft Lauderdale

1256 WFKZ 103.1 FL Plantation Key

1302 WMUM 94.3 FL Marathon

1306 WCAC 105.5 FL Sebring

1306 WXXI 105.5 FL Naples Park

1309 WEOV 92.5 FL Key West

1310 WCTQ 92.1 FL Venice

1313 WKZY 92.1 FL LaBelle

1317 WINK 96.9 FL Fort Myers

1322 WJIS 88.1 FL Bradenton

1324 WAYJ 88.7 FL Fort Myers

1328 WYNE 94.9 FL Tampa-St Pete-Clrwr

many uniDs

### AUGUST 16 TROPO

2335 WBZN 100.7 WI Racine

### AUG. 18 FLORIDA ES NOTED

### AUGUST 23 E-SKIP

2126 KCWC 88.1 WY Riverton

2144 KTKA 93.9 WY Riverton

2150 KDLY 97.5 WY Landon

2200 KYCS 95.1 WY Rock

### AUGUST 29 GROUND WAVE

2215 WJCJ 99.3 IN Van Buren

### AUGUST 30 TROPO

0947 WBLN 103.7 KY Murray

1003 WCKU 102.5 KY Nicholasville

1019 WSKV 104.9 KY Stanton

1034 WKDF 103.3 TN Nashville

1052 WVMY 105.1 TN Waverly

1100 WDDD 107.3 IL Marion

1124 WPGU 107.1 IL Urbana

1126 WAEZ 106.3 WV Milton

## NORTHERN FM DX

### DAVE BRUMFIELD'S REPORT - continued

#### AUGUST 30 TROPO continued

1145 WWSR 102.7 WV Charleston

1152 WKLC 105.1 WV St. Albans

1220 WMLK 95.3 KY Morganfield

1228 KDHX 88.1 MO St. Louis

#### AUGUST 31 TROPO

0000 WKSE 99.9 NC Asheville-Hendersonville

Greenville-Spartanburg

0015 WMEV 93.9 VA Marion

0055 WFFR 103.5 IL Chicago

0101 WGTG 102.3 IN New Carlisle-S. Bend

Elkhart

Ralph Strobel informed me that I missed 3-4 strong Es openings, and a Tr to MN, WI, and upper Michigan, and one to TX, OK, MO. Many Es days several stations were coming in, but no IDs before opening ended. Especially 6/14, 6/23, 7/4, 7/6, 8/6, 8/18. Some openings seemed week and short lived. MS results this year include 100.3 KRRV LA, WDJZ FL, KILT TX, WCTH FL, KZEN NE, KDVV KS, and tent WKSZ PA. 106.7 WRKZ PA tent several times and the ones noted above. While visiting Ralph in Muncie, Es was noted on 7/22 and 7/23. I had my GE Superradio and added 7 new stations to my totals there: KEKB 99.9 CO, KHDT 92.5 CO, KUNC 91.5 CO, KENW 89.5 NM, KRWN 92.9 NM, and KRZA 88.7 CO. This added more to the pleasant visit that weekend.

### GEORGE SHERMAN - 104 PINEWOOD CIRCLE - APPLE VALLEY, MINNESOTA 55124

Equipment: McIntosh MR-78 tuner, Winegard CS-6065 FM antenna

#### SEPTEMBER 12 GW

KPLW 102.7 IA Northwood, m, new semi-lcl

#### SEPTEMBER 16 GW

KWNG 105.9 MN RedWing, here ex 105.5, will

increase power, only 35 miles from me and I'm

getting a local on 105.7 soon

#### SEPTEMBER 17 TROPO

0823 KAMS 95.1 AR Mammoth Springs, "K-Country"

and "Country 95", Central Ozarks, o/semi KWOA

2226 WCIC 91.5 IL Pekin, gS, S-6 on MR-78 meter

2235 WRKR 107.7 MI Portage, r, thru WVCY Milwaukee

2244 WNNR 98.7 IL Springfield, Life Rock 99, contest

Box 460, other IL/IN/MI in good

#### SEPTEMBER 18 TROPO

0020 WBUS 99.9 IL Kanakakee, r, S-6

0046 WJEZ 103.1 IL Pontiac

0052 WXXQ 98.5 IL Freeport, ID thru local KTIS

0124 WHKS 99.1 OH Dayton, k, weather,

"The all new K-99.1 FM" S-8 on the meter

0137 WFRN 104.7 IN Elkhart, g, S-8

0140 WGLR 106.5 MI Kalamazoo, Clear 106 FM

0159 WIAA 88.3 MI Interlachen, S, S-8

0204 WNDU 92.9 IN South Bend, r, S-7, "Michiana's

Hit FM - U-93"

0214 WVAE 92.3 MI Detroit, The Wave

0853 WWKI 100.5 IN Kokomo, k

2010 WCBH 104.3 IL Casey, "Classic Hits"



Corrections: My WZZO 95.1 on 8/4 was probably Es, maybe MS. On 8/11 KROC t was on 106.3 New 94.9 St. Cloud, Minnesota testing with open carrier and tone; open carrier on 99.7 probably WWIS Black River Falls, Wisc. No October DX!! 73.

STATION NEWS: WQXA 105.7 in York, Pa. has changed slogan to "Hot 105.7" and a more urban approach to Top 40. Don't know of a call change yet. 107.5 in Boyertown, Penn. has dropped religion in favor of an adult contemporary format (though some say Top 40). WMYJ 97.9 Edinboro (Erie) Pa. has switched to WXTA, and country music. WOLN 95.7 in Olean, NY has gone to WPIG, also country "Sizzlin' country-the Pig!" CKO2 99.1 Toronto has been off the air for 3 days now and is still off. WCII 88.5 Spencer and WCIB 91.1 Friendship, NY are on, relaying the religious network of WCIC 103.1 Bath and WCIH 90.3 Elmira.

DECEMBER 1989

### AUGUST 31 TROPO Continued

1101 WQHY 95.5 KY Prestonburg-Painstville  
Pikesville

### SEPTEMBER 14 TROPO

1100 WRQK 106.9 OH Canton

### SEPTEMBER 17 TROPO

0935 WCJO 97.7 OH Jackson

### SEPTEMBER 21 TROPO

0317 KFUO 99.1 MO Clayton

0321 WOMP 100.5 OH Bellaire-Wheeling

### SEPTEMBER 18 TROPO continued

2106 WKJF 92.9 MI Cadillac, "KJF"

2112 WDJQ 95.1 IL Decatur, k, ad. woman DJ, S-7

2116 WFMT 98.7 IL Chicago, cS, S-7

2258 KRYJ 96.3 MO St. Louis, Joy 96 FM F-olids, S-5

2318 KBEQ 104.3 MO Kansas City, Q104.r, S-2

0015 WXXK 100.9 IL Pana, k, S-4

0030 WMLA 92.7 IL LeRoy, k, // 1440, S-4

0130 KZNN 105.3 MO Rolla, k, wx. woman DJ, S-7

0145 KRKO 107.7 OK Oklahoma City, Oklahomas

Only Classic Rock

0156 KEBC 94.7 OK Oklahoma City, kS, 700 mile

relog!!

0202 KXXY 96.1 OK Oklahoma City, k, KXY, thru

semi local!

0209 KLTE 101.9 OK Oklahoma City, r, today's

and yesterday's favorites K-Lite 102

0216 KJYO 102.7 OK Oklahoma City, r, KJ-103

0230 KMZU 101.1 MO Carrollton, k

0231 KTXR 101.5 MO Springfield, b

0234 WIBW 97.3 KS Topeka, r Topeka's 97 FM

### SEPTEMBER 20 TROPO

1926 KLWK 107.3 OK Poteau ex:KINB, k

2014 WMEF 97.3 IN Fort Wayne, r

2021 WGLT 89.1 IL Normal, IDs by woman

2059 KAAH 95.5 MO Bethany, KC Royals,

Regional Radio Can

2125 WQMC 104.3 MI Detroit

2200 KMJX 105.1 AR Conway, Magic 105

### SEPTEMBER 21 TROPO

0020 WBZM 94.3 IL Champaign, r

0030 KXUS 97.3 MO Springfield, r, US-97

0034 KWFC 89.1 MO Springfield, wx, nx, g

0158 WZLZ 103.9 IL Quincy, r

### SEPTEMBER 28

1900 KTSB 93.9 IA Sioux Center, m? (ex 94.3,

new calls too, easy favorites



# NORTHERN FM DX

DECEMBER 1989

BOB SIMOLAREK - 156 OLD WICK ROAD - WHITE HOUSE STATION, N.J. 08889

## SEPTEMBER 18 TROPO

2315 WMXW 103.3 NY Vestal, r, WPRB off

## SEPTEMBER 19 TROPO

1930 WDLS 93.7 PA Dallas, k

## SEPTEMBER 21 TROPO

2135 WFBG 98.1 PA Altoona

## JEFF FALCONER - BOX 63 - CLINTON, ONTARIO NOM 110

Equipment-Icom R7000, 25 el log periodic at 28". Receiver as of 9/22 is Magnum/Dynalab. FT-101A Etude, SCA adapted by Bruce Elving.

## SEPTEMBER 18 TRS and AURORA units around 2000

1558 WJCH 91.9 IL Joliet, g, Family Radio

1908 WVPE 88.1 IN Elkhart, j, twilight jazz program

much stronger than usual

2144 CQJQ 104.3 OH Sault Ste Marie, k, Q-Country

2151 CBON 98.1 ON Sudbury, French program

## SEPTEMBER 20 TROPO

1727 WJCL 94.3 IL Elgin, ad for Daily Courier News

1728 WNIJ 96.9 IL Zion, c

1800 WVCY 107.7 WI Milwaukee, g, ID at top of hr

1814 WBZN 100.7 WI Racine, j

1831 WFMR 98.3 WI Menomonee Falls, c

1907 WLTV 97.3 WI Milwaukee, soft r, Lite 97

2245 WNMU 90.1 MI Marquette j, strong, seldom hrd

## SEPTEMBER 22 TROPO-SCATTER

1955(WGOR) 92.1 MI St. Johns, rs, ex:WLNZ, now using

FT-101A receiver

2101 WJHS 91.5 IN Columbia City, S, New Haven Bulldogs

football

## SEPTEMBER 23 TROPO-SCATTER

0052 CBCQ 91.5 ON Orillia, has moved here from 105.9, CBC

mono program, gives local ID about 10 min before hour

0100 WQBC 91.5 OH Oberlin, disco rs

0157 WOLN 95.7 NY Olean, soft rs, The Lite WOLN (has

since changed to WPIG "The Pig", country music-gc)

1118 WGTZ 92.9 OH Eaton, rs, Z-93

1307 WBEE 92.5 NY Rochester, ks, 92-FM, mixing w/WAIR

1334 WXTA 97.9 ?? Unit to SE with k's and New Country 98

ID maybe call change for WMYJ? (I believe so-gc)

1520 WLKI 100.1 IN Angola, classic rs, good signal

1610(WNRJ) 104.7 PA Pittsburgh, rs, ex-WYDD

1700(WUFX) 103.3 NY Buffalo, rs (favorite 300), The Fox

Sign on for first time ex WPHD. Had been running

loops announcing for days advising of this change

1742 CRLV 98.3 ON Kingston, old r



## SEPTEMBER 24 TROPO-SCATTER

1859 WVPM 90.9 WV Morgantown, weak with

IDs for entire WV network

2100 WXTA 97.9 PA Edinboro, ks, "Erie's newest

country station" Unit above indeed was this

2152 WEEL 97.3 WV Wheeling, bs, Easy 97 3

Wheel FM, good signal

## SEPTEMBER 25 TROPO-SCATTER

1946 WLDK 101.9 MI Traverse City, ms, Sunny 102

2232 WSRU 90.1 PA Slippery Rock, rs, good

glad to catch this as WUCX now covers the

channel

## SEPTEMBER 26 TROPO-SCATTER

1618 WEPK 91.9 KY Louisville, c, wx, weak

1721 WAZU 102.9 OH Springfield, rs, Wazoo

briefly over jumble

1752 WVAQ 101.9 WV Morgantown, your 10

in a row station, Q-102, also hrd 9/27 o/WDET

1823 WCKX 106.3 OH London, rs, Power 106

## SEPTEMBER 27 TROPO-SCATTER

1627 WUCX 90.1 MI Bay City, cs, CMU Public

radio, first day on running good freq.

Has telemetry on 67 khz

2338 WMRX 97.7 MI Beaverton, soft rs, ads

for local store, lottery, mixing w/WTGV/CHTZ

## SEPTEMBER 28 TROPO-SCATTER

2209 WGLC 90.9 OH Cincinnati, cs, weak

SEPTEMBER 30 TR/TRS

0852 WLCS 98.3 MI Muskegon, old rs,

Classic Hits 98.3, nice signal

0909 WUWM 89.7 WI Milwaukee, wx forecast S

0931 WNSN 101.5 IN South Bend, Sunny 101.5 ms

0959 WHAD 90.7 WI Delafield, asking for support

for Wisconsin Public Radio

1302 WMHV 91.5 MI Mt. Pleasant, r, 91 Rock FM

OCTOBER 1 TIS

0059 WILL 90.9 IL Urbana, js, Jazz after Hours

1654 unID 90.9 ment, broadcasting from the

Univ. of New York. WCD? (Doubt it, Maybe

a station doing a concert from UNY?-gc)

## OCTOBER 2 MS/TIS

1600 WAWL 91.5 TN Signal Mountain, weak

burst "91 Rock...The Wall, WAWL" only 200 w

1930 WKIL 90.7 OH Struthers, soft r, mono, fair

at times with WGLE to 200 sign off w/SSB

2338 WBSU 89.1 NY Brockport, pr, S, FM 89.1

## OCTOBER 4 TROPO-SCATTER

2058 WAUS 90.7 MI Berrien Springs, news S

2101 WNDU 92.9 IN South Bend, rs, U93

2244 WIAA 88.3 MI Interlochen, brs, not on 88.7

## OCTOBER 6 TROPO-SCATTER

2136 WLWQ 96.3 OH Columbus, rs QFM 96

OCTOBER 7 TROPO-SCATTER

0020 WJMR 98.3 OH Fredericktown, S, weak

0039 WFLU 103.7 IN Bloomington, js

## OCTOBER 7 M.S.

0100 WAMU 88.5 DC Washington "WAMU in"

New state, or MD? (New state, I think-gc)

## OCTOBER 8 TIS

0342 unID 99.3 strong signal from time to time with

ks and C-99.3 unIDs. WCJC, Van Buren?

# NORthern FM DX

DECEMBER 1989

JOSEPH FELA - 150 ROBERT PLACE - SO. PLAINFIELD, N.J. - 07080

Equipment - McIntosh MR-78 tuner, a pair of CM Stereo Probe 9s, stacked, with rotor at 40 ft.

Time: ELT

## AUGUST 1989

18 Es (continued from my last report)

1015 KAFX 95.5 TX Daboll, ad for Lufkin

Mall o/local WPLJ

1034 KZBL 95.9 LA Natchitoches,

call, promo

1112 KQXY 94.1 TX Beaumont,

"Beaumont's Best - Y-94"

1115 KSBJ 89.3 TX Humble, contemporary

Christian complete with a

"no repeat Friday", ex-88.1

1121 {KLTR} 93.7 TX Houston, "Houston's

K-Lite 93.7"

1125 WJMI 99.7 MS Jackson, promo, ad

1134 KTSU 90.9 TX Houston, PSA,

call, old r

1137 WMDK 100.9 MS Hazlehurst, k, call

1140 KYKR 93.3 TX Port Arthur, k,

ads, "Kicker"

1148 KUHF 88.7 TX Houston, promo,

o/local WRSU

1156 KVLV 91.3 TX Beaumont, ID, c

1723 KBBG 88.1 IA Waterloo, call

26 Tr

0842 WDLS 93.7 PA Dallas, k,

"93.7 DLS" IDs 96

0920 WGMN 97.7 NY Big Flats,

"Gem 97" + call 169

27 Tr

0730 WMXW 103.3 NY Vestal, call, beginning

a weekly news program, WPRB off 133

SEPTEMBER 6-7 Tr

2200-0100 Pittsburgh noted with WLTV-92.9,

WSHH-99.7, WDSY-107.9 and WDUQ-90.5 plus

WOMP-100.5 Ohio briefly and WFRB-105.3 MD.

0100 WVPM 90.9 WV Morgantown,

WV Net ID 299

29 Tr

0415 WOMP 100.5 OH Bellaire, very strong

at times, "Womp-FM", rock 336

0421 WDJQ 92.5 OH Alliance, contest

w/Canton address, "Q-92" + call, 350

0500 WKSU 89.7 OH Kent, ID, c 365

30 Tr

2201 WGBE 107.9 PA Williamsport, local ads,

"Eagle 108", believe had

Yankee baseball earlier 142

73, Joe

## BILL NIENAJADLY - 98 HIGHLAND AVE - CLIFTON, NEW JERSEY 07011

### TOTALS - 274

Equipment: 10 element FM only antenna now used

### SEPTEMBER 18 AURORA

2100 Aurora noted, no FM IDs, lasted 1/2 hour

### SEPT. 19 TIS

0635 WXXI 91.5 NY Rochester, ID

### SEPT 22/28

Locktiller drops to Southwest "C@#\$(#@!

### OCTOBER 9 TIS / MS?

0253 WJYE 96.1 NY Buffalo, ID

0320 WNTX 96.3 MA Nantucket, ID

0330 approx 96.5-This is the voice of the Blue

Ridge Mountains WMAF-FM? Who is this?

### OCTOBER 14 TROPO

1830 Eastern Long Island very good

1845 WMRV 105.7 NY Endicott, ID

1923 WLAN 96.9 PA Lancaster, ID

1930 WFRY 102.5, WGHQ 104.7, others

### OCTOBER 15 TROPO-SCATTER

1543 WTSX 96.7 NY Pt. Jarvis, finally o/pest WJAZ 60

### OCTOBER 16 TROPO

0700 WGST 91.9 MD Takoma Park,

1100 WBNQ 92.1 NY Poughkeepsie, lame!

1545 WSRG 96.1 MA Worcester, ID

1603 WYVE 105.7 MA Framingham-Boston, ID

Trope-Scatter mode but strong!

Nice gettin Buffalo on FM!! Thanks to Greg for confirming them! Tropes finally picking

up. Hurricane Hugo left this DXer with almost zilch in the way of DX! I'm

experimenting with installing narrowband filters in a poor selectivity tuner. If it works I

might do a special report on it. I'm glad Danny Buntin of Southern FM DX came up

with a list of top tuners. I'd like to see a list of top 5 TV's and car radios! Is there a

ONKYO type car radio out there? Does such an animal exist? Re: CFMK, Finally!! It's

about time! I always knew it was there but I couldn't count them, until this past

Monday morning when it was one of the best troposcatter openings ever. CFMK

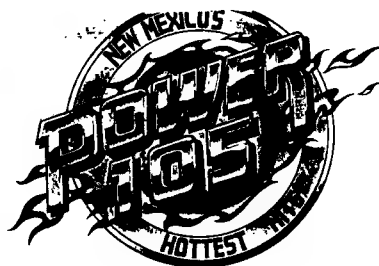
was at local strength for up to 5 minutes at a time!! And yes, they IDed-nicely. 88.7

was also empty. WFME 94.7 running open carriers #&\$\*!&\$!! UNIDS on 96.3 include

Classical and Laid Back Soul music...DC? Highly suspect CFMX1 as classical. See, it

does pay to lose sleep Monday Mornings with locals off! GOODXing, Bill

The computer erased page 5 of Northern FM DX, so that will have to wait until next month. Thanks for your comments on the fonts. This font got the best reviews (it's called Avant Garde), so I will use it a lot. Thanks to everyone who reported in 1989. Keep them coming!! HAPPY HOLIDAYS! 73 Greg



Also heard on OCT 8 via MS was KUNI 90.9 IA Cedar Falls. I'm impressed with the FT-101, much more sensitive and selective than the Icom. Am using it with a Magnum/Dynalab Signal Sleuth antenna preamp. Also have a Stereo Probe 9 which I hope to get up the next week or so.

73 for now and best DX, Jeff

## REPORT TO NORTHERN FM DX !!

# SOUTHERN FM DX

DECEMBER 1989

\*\*MERRY CHRISTMAST!\*\*

DEADLINE 10th

For FM DX reporters from: AL, AR, AZ, CA, CO, DE, FL, HA, KS, KY, LA, MD, MO, MS, NC, NM, NV, OK, SC, TN, TX, UT, VA, & WV. Also DC & HI. Happy DXing 1990.

## A SLOW FALL CHARACTERIZES CURRENT FM DXING IN THE SOUTH

Judging from the lack of reports, it appears the hurricane helped trop found most of its effect in the midwest. Overall, Fall reporting is at a very slow level. One DXer, though, got into some trop that yielded up to 740 miles.

### ONKYO vs YAMAHA

This report, comparing two top tuners, is from Bill Nienajadly of Clifton, NJ: Not too long ago Paul Mount kindly bought up his Onkyo T9090II up to Bill Kretschmer's house in North Syracuse, NY. We all decided to give the Onkyo vs Yamaha comparison test. Antennas used were 2 Stereo Probe 9's and CAC 11 coax. Despite 2 100 kw stations at 10 miles and a 3000 watt at a mile away the Onkyo T9090II had no noticeable images. The Yamaha did, but it wasn't that severe. The Onkyo managed to dig out a 94.3 next to 94.5 WYYY 100 kw local, the Yamaha didn't. But in all other adjacent tests the Yamaha TX900 was just about as selective as the Onkyo! Like for instance, both got WROW 95.5 right next WRQX 95.7 local at 11 miles. A big difference is the Onkyo tunes like 95.025, 95.050, 95.075, etc. The Yamaha tunes very finely, better than Onkyo. In other differences, we heard less "slop and crashing" with the Yamaha than with the Onkyo. So again even with the potential image problems there, the Yamaha still does come close to the Onkyo and in some cases sounds better than Onkyo!

Two DXers did mention to me that the Carver TX-11 is prone to image problems + overloading. The Carver only has narrow, no super narrow. We did try the Carver in Clifton, NJ at my house a while back and it was somewhat selective, but I really could not recommend it for serious adjacent, weak trop DXing. It would be great for E-skip + strong trop, though. There were a lot of Philly adjacents we didn't hear with the Carver. Quite disappointing for a "serious DX machine", but other DXers swear by it, so I guess it's good in areas not that crowded as NYC.

(Bill also kindly passes along word about how replacing a ceramic filter in modest receivers can soup up the adjacent selectivity comparable to a Carver. This topic may be elaborated upon elsewhere in the VUD. DB)

Jeff Wolf, 1131 University Blvd. W., Apt. 701, Silver Spring, MD 20902

Equipment: Sears AM, FM TV band radio

7/4 Es EDT

1839 KQID 93.1 LA Alexandria, 93-QID

2025 KJFT 92.7 LA Jennings

2041 KJAE 92.7 LA Leesville

2042 WQKT 92.7 LA Clinton

7/4 Es

2105 WCKW 92.3 LA Laplace

7/7 Es

2044 MUF to 93.7

8/18 Es

0946 KNTU 88.1 TX Denton

Keith D. Pugh, 227 Martin St., New Hope, AL 35760

Equipt.: Onkyo T-9090, Probe 9, Archer 18db FM amp. (9/11 only)

9/11 tr, w/FM amp

1644 WYFA 100.9 GA Waynesboro, ID, g 269

2054 WGRM 93.9 MS Greenwood, \$, r, 232

to new air

10/3 tr

1910 WWO 98.7 TN Oliver Springs, k, 165

\$, new to air

1914 WYNQ 95.7 TN Maryville, "WAY FM", r

1929 WJIC 91.3 GA Fort Valley, ID 196

1937 WMLT 95.7 FL Clearwater, ad 507

1950 WAIL 99.5 FL Key West, prev. Es 740

10/3 tr

2026 WCON 99.3 GA Cornelia, ID, rp 160

2038 WLKQ 102.3 GA Buford, "Lake 102" 133

2057 WCEH 103.9 GA Hawkinsville, ID 230

2058 WTVH 95.3 GA Thomaston, ads, mono 163

2120 W?? 95.1 AL Prattville, "The Fox, 150

Montgomery's classic rock & roll" o/cl. WMDA

11/1 tr (Both new to air.)

1000 WZLM 97.3 AL Dadeville, rm, \$ 123

1043 W?? 93.9 TN Selmer, mono, J-94, r 137

1408 unID 102.7 n.east, new station testing

off 1430

Dug out the old FM amp on 9/11 to try for some tropo scatter. First time DXing with amp & Onkyo together. It works fairly well this way as the amp will take a weak signal barely breaking the noise level and make it more audible. It does bring more hiss & noise in along with weak and some moderate strength signals. On some of the open frequencies (the rare few that remain) the amp adds a noise level of 15 db from a normal 5 db. The amp didn't degrade any signal that was already clean to begin with. A normal 38 db signal increases to 50 db with amp in line. With the beam aimed at Huntsville, locals, cont.

Danny Buntin  
1312 N. Skyline  
Stillwater, Ok 74075

## SOUTHERN FM DX

Pugh, cont.

DECEMBER 1989

88.5 is the only useless frequency, to my surprise. On other frequencies that overloaded, around 7 of them, pushing in the local mode on the tuner cleared them up and brought in the actual signal that should be there. I'll probably try DXing some more with the FM amp during the winter "doldrums".

Trop on 10/3 was strong into GA with 50 db signals, was trying for needed WQPW Valdosta on 95.7 but WMLT Clearwater, FL was in. Looked for other FL's, and couldn't believe it when I heard WAIL 99.5 Key West! It was in solid for only 8 min. at 27 db, then slowly faded out. No other Key West heard. (sporadic trop?!!)

Re my last report Oct. SFM p. 29, KVIA 93.9 EL Paso is KREB, B-94. I can't figure how I came up with KVIA calls & V-94. I'm deleting the 2 Cuban logs that appeared in my Aug. SFM report, p. 39. 92.3 may be WCMQ Healeah, FL as it is Spanish, although I heard a ref. for "Cuba". The 93.5 station mentioned Santa Clara, but I've been told there may not be a Cuban on that freq. Anyone know of a good listing for Cuba?? 73's.

Doug Allen, w2cra, P. O. Box 5646, Woodland Park, CO 80866

Equipt.: Denon TU 800 & Stereo Probe 9 at 25'

(Comments cont. from last month's report)

What a two week period! After finding a missing page of the July log, our revised July totals are 139 new stations and 4 new states! And we passed the 400 station count, our goal for the year! Some of the best DXing time was spent on two meters of the totals would have been even higher. We caught three more good Es openings the first half of August. To sum up the Es season, a slow starter that ended with a bang, not a whimper. The Perseids shower was average (good) and seemed to peak a few hours earlier than usual, about 0500 local the morning of the 12th. We've been observing this shower since 1963 when we made our first two meter ms contact. This year we made 27 contacts on two meters and one on 220 Mhz. No FM DXing though. Since acquiring a good tuner we've recorded at least one good tropo session a month. All of the good openings have been in the 500-570 mile range, and we're anxiously waiting to break the 600 mile barrier! So far, the July 3rd tropo to the KC area has given us our best tropo DX at 570 miles. We thought August might pass without any good tropo, but the morning of the 30th saw our first opening into SD, as far as the MN border, Mitchell, at 512 miles.

8/3 Es

2100 WEKU 88.9 KY Richmond ID

8/4 Es

0830 WREO 97.1

OH Ashtabula ID

0832 WHBC-FM 94.1

OH Canton ID

0833 WDIF 94.3

OH Marion g local spot

0836 WHWCt 88.3

WI Menomonee local tel #'s

0838 WZIP-FM? 88.1

OH? ID in noise & "ZIP ROCK 88"

0839 WBGut 88.1

OH Bowling Green ID in noise sounded like WICU  
Are the above two station the same?

0844 WONE 97.5

OH Akron ID

0850 KHLT-FM 94.1

AR Little Rock "K Light's weather ..."

0900 WRVL 88.3

VA Lynchburg ID

0907 WRCR 94.3

IN Rushville wx & IDs

0908 WQRP 88.1

OH West Carrollton ID

0910 WSKI 92.7

IN Spencer local Bloomington ads

0910 WMLA 92.7

IL LeRoy "Ypur friends in the country WMLA"

0915 WBNS-FM 97.1

OH Columbus ID & "...light and easy..."

0917 WGEA-FM 94.1

IL Watseka "Hamilton Brothers in Waseka"

1020 CHFM 95.9

AB Calgary "less talk more music CHFM"

1028 CKUA-FM 93.7

AB Calgary Access program

1030 CKUA-2 99.3

AB Lethbridge Access // 93.7

1033 C?? 96.9

?? FF

1044 KQRK 92.3

MT Ronan-Kalispell "KQ-92" STATE \* 36

1049 CBTk 88.9

BC Kelowna local spots // 93.1, 94.1, 94.9

1051 CBVK 94.1

BC Kamloops // 88.9, 93.1, 94.9

1053 CBTA 94.9

BC Trail // 88.9, 93.1, 94.1

1105 CKUA-13 91.3

AB Drumheller Access //

1109 CFOX 99.3

BC Vancouver "the fox rocks"

CONT....

## 8/4 Es

1110	CBUF	97.7	BC Vancouver FF
1111	CKKS	96.9	BC Vancouver spots "easy rock"
1113	CKO-FM4	96.1	BC Vancouver over KSQI ID
1115	KING-FM	98.1	WA WA Seattle spots
1117	KCMS	105.3	WA Edmonds ID "Christian radio ..."
1123	KAFT	97.1	WA Walla Walla something like "Walla sports"
1124	KRKN	96.9	WA Naches-Yakima singing ID
1125	KATS	94.5	WA Yakima ID
1129	KVTI	90.9	WA Tacoma "I 91 is hot"
1140	KGHO-FM	95.3	WA Hoquiam ID & spots for Christian TV
1141	KUOWt	94.9	WA Seattle c
1143	KDRK-FM	93.7	WA Spokane "K-DRINK 94 FM"
1150	KZAM	95.3	OR Cresswell ID
1152	KBPS-FM	89.9	OR Portland c
1154	KMGE	94.5	OR Eugene ID
1155	KUGN-FM	97.9	OR Eugene ID
1158	KDAB-FM	91.3	OR Bend No ID on hour; NPR news, then OR news
1206	KXIQ	94.1	OR Bend "summer radio Q 94"
1234	KCRE	94.3	CA Crescent City ID
1241	KURY	95.3	OR Brookings local spots

## 8/6 Es &amp; tr

0900	WEKU	88.9	KY Richmond ID
0900	WRBH	88.3	LA ID "New Orleans radio for the blind"
2010	CKSB-9t	89.1	ON FF in for one hour!
2015	C???	88.3	ON Thunder Bay
2030	WAXLt	97.7	WI Lancaster mention of Rochester church event
2031	CJSD	94.3	ON Thunder Bay spots & "94 FM"
2033	CKSB-3	93.7	MN The Pas FF c
2038	KNNS	96.9	MN Grand Rapids "KS 97"
2044	CBKF3t	93.5	SA Zenon Park FF
2130	K210AY	89.9	CO Buena Vista KUNC translator
2157	KWYK-FM	94.9	NM Aztec "95 QUICK"
2208	WKSJ	94.9	AL Mobile ID

## 8/10 MS

0802	WUWF	88.1	FL Pensacola ID
0940	KDXX	88.1	MO St. Louis ID

## 8/23 tr &amp; Es

0715	Wichita stations in at 417 miles		
0720	KWKL	106.5	KS Arkansas City 455 miles
0722	KNID	96.9	OK Enid k 465 miles
1848	WQZR	94.3	AL Greenville spots
1856	WABB-FM	97.5	AL Mobile ID
1900	WMAO-FM	90.9	MS Greenwood ID "PRM Network"
1924	WHSY-FM	104.5	MS Hattiesburg local spots and ads
1925	WHRT	103.7	MS Hattiesburg b
1935	KQID	93.1	LA Alexandria ID
1954	WMAU-FM	88.9	MS Bude ID "PRM Network"
2000	WRBH	88.3	LA New Orleans "radio for the blind"
2003	WWMS	97.5	MS Oxford ID cont...



## 8/29 tr

2108	Wichita stations in at 417 miles		
2110	KHCD	89.5	KS Salina 395 miles
2130	KUVR-FM	97.7	NE Holdredge KUVR-FM ID 310 miles
2155	KEZG	107.3	NE Lincoln local SPOTs "EZ 107" 437 miles
2208	KZKX	96.9	NE Seward k 500 miles
2219	K205BR	88.9	KS Colby "High Plains Public Radio" 200 miles
2220	K257DI	99.3	KS St. Francis "High Plains Public Radio" 190 mi
The above are KZNA xlaters heard occasionally.			
2302	KUCVt	90.9	NE Lincoln in noise

## 8/30 tr ducting

0710	KERM	98.3	WY Torrington strongest ever heard
0735	KVCK	101.5	SD Gregory ID g STATE # 37
0744	KWYR	93.7	SD Winner local spots with winner puns
0747	KPLD-FM	94.5	SD Reliance k ID 446 miles
0756	KBRX	102.9	NE O'Neill ID 410 miles
0813	KQRN	107.3	SD Mitchell ID 512 miles
0814	KESD	88.3	SD Brookings ID "South Dakota Public Radio" 555 mi: best NE DX
0843	KGRDt	105.3	SD Orchard g o' KZMC briefly

## 9/24 tr

2100	Wichita stations in at 417 miles		
2105	KWKL	106.5	KS Arkansas City 455 mi.

## 9/25 tr

1900	KUVR-FM	97.7	NE Holdredge remains most consistent 3 KW DX
2000	K257DI	99.3	NE St. Francis most consistent 150+ mi xlater

## 9/29 tr

2000	Wichita stations in at 417 miles		
2002	KLSF	96.9	TX Amarillo ID full q at 309 miles

The superb late July Es conditions wound down, but not without some good August openings. The annual August Perseids is pretty consistent, but seemed to peak a few hours earlier than usual. We stayed up all night the 11th and 12th and made 27 contacts in 15 states on 144 Mhz and one contact into GA on 220 Mhz. In upstate NY I used to monitor FM, or more often, channel 2 or 3 TV for indication of a meteor burst and then make a quick call on 144 Mhz where the bursts are much shorter. This worked fine in NY where there were virtually no stations in MS distance from NW to SE. Here in CO with stations in every direction there was poor correlation between bursts noticed on channel 3 or FM and 144 Mhz bursts. This was the 25th year I've DXed the perseids shower, but always on 144 mhz and above. We now have 37 states logged on FM and 37 states worked on 144 Mhz in less than a year and a half. They are not the same 37 states though! September, the best month for tropo DX back East has been disappointing here. However, I've been on the road over half the month and probably missed some good conditions. One of my trips was to the NRC convention in Topeka where it was good to meet several FM DXers and contributors to YUD. This reminds me; I'll probably spend more time medium wave DXing than FM DXing the next few months despite the fact that I stacked a second Stereo Probe above the first this weekend! A report on that next month

**98<sup>FM</sup>**  
**KTNT**  
**DIGITAL 97.7**



Pat Dyer, 5315 Silvertip Dr., San Antonio, TX 78228-2744

8/1 Es  
1031 WLAZ 93.5 FL Naples  
1034 WLVE 93.9 FL Miami Beach  
1036 WZTA 94.9 FL Miami Beach  
1038 WSWN 93.5 FL Belle Glade  
1051 WJIS 88.1 FL Bradenton  
1055 WMNF 88.5 FL Tampa

8/2 Es  
2000 WCKW 92.3 LA Laplace  
2317 WGGZ 99.1 LA Baton Rouge

8/3 Es  
0939 KESD 88.3 SD Brookings  
1102 WVPN 88.5 WV Charleston  
1120 WMRT 88.3 OH Marietta  
1124 WNCI 97.9 OH Columbus  
WPKZ 98.5 VA Elkton  
1128 WTOP 98.1 OH Canton  
1131 WKBN 98.9 OH Youngstown  
WWEZ 92.5 OH Cincinnati  
1132 WHBC 94.1 OH Canton  
1134 WKDD 96.5 OH Akron  
1136 WOFX 94.9 OH Fairfield  
1141 WMJI 105.7 OH Cleveland  
1143 WQAL 104.1 OH Cleveland  
1147 WXGT 92.3 OH Columbus  
1148 KHYX 98.5 TN Port Arthur  
1150 XHTZ 97.7 OH St. Catharines  
1156 WTTT 92.3 IN Bloomington  
1159 WTCN 97.7 OH Lima  
1200 CKSY 95.1 ON Chatham  
GHFI 98.1 ON Toronto  
1203 CJBX 92.7 ON London  
1214 WMHE 92.5 OH Toledo  
1226 WVAE 92.3 MI Detroit  
CKMR 93.9 ON Windsor  
1227 WLLZ 98.7 MI Detroit  
1231 CJOM 88.7 OH Batavia  
1237 WJLB 97.9 MI Detroit  
1245 WDOB 93.9 WI Sturgeon Bay  
1304 CBCB 98.7 ON Owen Sound  
1305 WJPD 92.3 MI Ishpeming  
1312 WKRC 98.1 MI Saginaw  
1321 WLST 95.1 WI Marinette  
1336 WBWI 92.5 WI West Bend  
1458 KEYA 88.5 ND Belcourt

8/4 Es  
0720 WMHE 92.5 OH Toledo  
0727 CJOM 88.7 ON Windsor  
0729 WSDM 97.7 IN Brazil  
0732 WBVR 98.9 OH Van Wert  
0736 WDFM 98.1 OH Defiance  
0744 WLAB 88.3 IN Fort Wayne  
1942 WQXY 97.7 OH Oxford  
1954 WZQQ 92.3 KY Hyden

8/5 Es  
2123 WCKW 92.3 LA Laplace  
2124 WGGZ 98.1 LA Baton Rouge

8/6 Es  
0922 KEZO 92.3 NE Omaha  
0928 KESD 88.3 SD Brookings  
0929 KUSD 89.7 SD Vermillion  
0931 KELO 92.5 SD Sioux Falls  
0938 KJJY 92.5 IA Ankeny  
KRIT 96.9 IA Clarion  
1048 KBYZ 96.5 ND Bismarck  
1059 KQDY 94.5 ND Bismarck  
1052 KHHT 97.1 ND Minot  
1100 KEYA 88.5 ND Belcourt  
1137 KAML 96.9 WY Gillette

8/12 Es  
0411 WBRK 92.5 KY Owensboro

8/13 Es  
1245 XHSRO 92.5 NL Monterrey  
1249 TG-- 88.1 GUA Guatemala City  
1250 TG-- 88.5 GUA  
1255 XHJJ 98.9 NL Monterrey

8/14 Es  
1924 KLCS 95.5 CA Los Angeles  
1927 KFAC 92.3 CA Los Angeles  
2039 KLCN 88.1 CA Long Beach  
2047 XHRM 92.5 BCN Tijuana

8/17 Es  
1321 HR-- 93.9 Hon  
1858 TG-- 88.5 GUA

8/18 Es  
0629 WKSU 89.7 OH Kent  
0630 WBEE 92.5 NY Rochester  
0647 WYSU 88.5 OH Youngstown  
0649 WAMU 88.5 DC Washington  
0700 WMRT 88.3 OH Marietta  
0720 WKLX 98.9 NY Rochester  
0851 WACQ 98.1 MI Saginaw  
0859 WMUB 88.5 OH Oxford  
0929 CJOM 88.7 ON Windsor  
0939 CKMR 93.9 ON Windsor  
0951 WNNK 94.1 OH Cincinnati  
0952 WVAE 92.3 MI Detroit  
0955 WKBN 98.9 OH Youngstown  
0959 WBYE 96.5 OH Hamilton  
1002 CKSY 95.1 ON Chatham  
CBCL 93.5 ON London  
1010 WGWG 88.3 NC Boiling Springs  
1015 WRRR 93.9 WV St. Marys  
1038 WPEG 97.9 NC Concord  
1043 WDRP 98.9 NC Windsor  
1052 WYER 94.9 IL Mt. Carmel  
WOPX 94.9 OH Fairfield  
1055 WKRR 92.3 NC Asheville  
1058 WZZU 93.9 NC Burlington  
1100 WROX 95.1 NC Raleigh  
1101 WYFL 92.5 NC Henderson  
1123 WXIL 95.1 WV Parkersburg  
1127 WWGL 94.1 NC Lexington  
1134 WESC 92.5 SD Greenville  
1136 WKSI 98.7 NC Greensboro  
1138 WLK 96.9 NC Statesville  
1140 WPAV 104.1 OH Portsmouth  
1142 WVPN 88.5 WV Charleston  
1159 WXLK 92.3 VA Roanoke  
1207 WJNL 96.5 PA Johnstown  
1209 WMEV 93.9 VA Marion  
1210 WRON 97.9 WV Roncoveert  
1212 WMJK 97.7 VA Grundy  
1214 WPRV 94.9 VA Roanoke  
1217 WFCM 97.9 WV Fairmont  
1230 WMYG 96.9 PA Braddock  
1232 WOVK 98.7 WV Wheeling  
1235 WFBG 98.1 PA Altoona  
1237 WSEA 98.3 PA Charleroi  
1238 WQMU 103.1 PA Indiana  
1248 WAXZ 97.7 OH Georgetown  
1300 WLMJ 103.9 PA Kane  
1301 WLER 97.7 PA Butler  
1309 WOBQ 88.7 OH Batavia  
1320 WKJQ 92.5 OH Alliance  
1323 WRRN 92.3 PA Warren

8/22 Es  
1549 WIOU 92.5 FL Key West, cont.....

## SOUTHERN FM DX

8/22 Es  
1812 TG-- 88.5 GUA  
1823 TG-- 88.1 GUA Guatemala City  
TG-- 88.8 GUA Guatemala City

8/29 Es  
1744 WESC 92.5 SC Greenville  
WBFM 98.1 SC Seneca

Equipt.: TM-1001 tuner with 6-e Archer FM antenna at 20', CST used, new underlined  
July FM Es about 2.5 times as much as June, but the logging tapes were only just  
edited etc., so my 52 new catches that month are probably "too old" to report now. 73.



Danny Buntin, 1312 N. Skyline, Stillwater, OK 74075

Equipt.: Onkyo T9090, Antennacraft GFM-10 20 ft. high with rotor

The GFM-10 has to work until I can get around to coming up with a ladder to repair the  
lead-in that's broken on the Probe 9.

8/18 Es  
0331 WLFQ 89.3 SC Greenville, ID, g

During early October, mini-power Stillwater local KKND(ex-KVRO) made a big power move up.  
Now it's just another potential 3 kw catch for DXers. Formerly, the station existed as one  
of the lowest powered commercial stations in the country, a little 440 watter at 27 ft.  
What few DXers have caught the mini-power before probably regard it as one of their most  
prized catches, outside of a 1 or 10 watter. Before the move up, KKND barely covered the  
entire city limits of Stillwater with a primary grade signal. Commuters from the nearest  
little towns 10-15 miles away had a jittery signal to put up with while starting out. The  
station's studio is housed in a small mall with a 60 ft. transmitter tower adjacent to the  
building. The tower's HAAT was brought down considerably by the surrounding small  
valley and neighboring buildings. Now installed atop the tower is a micro transmitter  
pointed toward the new broadcast tower located about two miles northeast of me, standing on  
a rather high and broad stretch of prairie. On the Onkyo meter the new signal rates at  
just over 100 db. Formerly, it was in the high 80's, little better than a local trans-  
lator. So I was very sorry to see an unusually great potential catch for all DXers become  
only history. KKND boasts coverage up to 40 miles away to Ponca City and Edmond  
their new 375 ft. tower. KKND is only dreaming for Edmond, especially for car coverage.  
There the Oklahoma City tower farm, located just a few miles away, effectively covers up  
their signal. KKND's tower move pretty much concluded how much rougher going the DXing has  
become during the 80's in my area of Oklahoma. In Oklahoma City all the high power FM's  
banded together and one by one helped the Oklahoma City tower farm boom, leading to much  
improved car reception in Stillwater. Meantime, the Tulsa FM's also flocked to higher  
towers while several surrounding small town stations threw up tall towers closer to Tulsa.  
And in the process, abandoned the small town charm in their programming as they played  
up to the Tulsa metro market. And with Stillwater caught in the middle of all this since  
it's located the same distance from Oklahoma City and Tulsa, there went many of my good  
DXing slots. No doubt, many other DXers could tell similar tales about DXing in the  
80's. As FM broadcasting grows into the 90's, it will be interesting to see how FM DXing  
grows with it. 73

###



HAPPY HOLIDAYS & A DX-FUL 1990!

# WESTERN TV-DX

December 1989

Fred McCormack  
Box 9077  
Prairieview Station  
 Fargo, ND 58106-9077

Deadline: 01-04-90  
Cut-off: 10-01-89

Things cooled down considerably in October 1989. Only a few dates with 500 mile tropo were noted and only one date was reported with E skip, but there was some F skip!

New\_\_\_\_ New Mode\_\_\_\_ Tent. - t Unidentified - unid S/On - + S/off - =  
ID Color Bars - @ Unid Color Bars - % Misc. Test Patterns - &

Dave Pomeroy, 1169 Webster, Topeka KS 66604-1502

CDT

## August 1989

4 tr 2200 WHO 13 IA  
KAFT 13 AR  
(WIBW-13 off)  
Es 1900 WCAX 3 VT  
6 Es 1115 KTVX 4 UT  
KUTV 2 UT  
KIDK 3 ID  
WFSB 3 CT  
1800  
17 Es 2200 KOTI 2 OR  
(1st Oregon!)  
24 Es 0600 CFRN 3 AB  
tr 2000 KVRN 15 ND  
(K15BQ off)  
KDSB 16 SD  
KMEG 14 IA

30 tr AM WAND 17 IL  
WICS 20 IL  
WRSP 55 IL  
Es 1900 WCAX 3 VT

## September 1989

2 tr PM unid ch 45 TBN n  
18 tr 2100 KOKH 25 OK  
KXTX 39 TX  
KFWD 52 TX  
KWKT 44 TX  
KTEN 10 OK  
KAUT 43 OK  
KDTX 58 TX  
KWHB 47 OK

18 tr 2100 KDOR 17 OK  
KDFA 33 TX  
2200 =KXON 35 OK  
KOKI 23 OK  
KTBO 14 OK  
WICS 20 IL  
KXII 12 OK  
KWTW 9 OK  
K22CP 22 KS  
(Salina KAKE-10)  
19 tr AM KNCT 46 TX  
KOCO 5 OK  
WICS 20 IL  
KWKT 44 TX  
WOTO 35 IL

A few good catches for me this time. KOTI-2 was a real surprise as we were watching an ABC program on KQTV-2 (we usually watch ABC on KTKA-49) with no CCI when the KOTI call letters suddenly drifted across the screen. I turned the antenna to the northwest to get a pretty good KOTI signal with some CCI.

September 18-19 tropo opening to Texas was one of the best in some time with strong signals from the Dallas-Ft. Worth area. Other Texas stations weak. KXON-35 faint on second reception here.

K15BQ has been off and on several times and now provides a mix of Home Shopping Spree, religious, and old movies. Station keys K15BQ test with phone number. They plan local programming. Signal is excellent here -- about 4 miles!

No report next month (written 10/04/89 fm) as we will be in Europe -- Italy, Greece, Bulgaria, Romania, Hungary, and Czechoslovakia. Hope to look at a little TV. The last time we were in Czechoslovakia, we visited people who tuned into "The Cosby Show" on Austrian TV! No wonder they're all trying to escape.

Mike Cherry, Box 631, Ganges BC V0S-1E0 (604) 537-5201

PDT/PST

## Equipment:

Hitachi 5" black & white AC/DC (vintage 1980), Kenwood RZ-1 receiver, Sony Beta Hi-Fi MTS VCR, channel 6 trap (xtal). Realistic PRO-2021 scanner with 6 meter (50 MHz) vertical dipole. VHF - Lindsay GA-10FM 10 element wide-spaced FM yagi on Alliance U-110 rotator at 57' asl/agl. UHF - Radio Shack 4-bay with 15-1108 mast-mount adjustable gain VHF/UHF preamp at 45'.

## September 1989

11 tr 1305 KAPP 35 WA  
KNDU 25 WA  
2224 K36-- 36 ??  
(Unknown KOMO- 4)  
( See Note # 1 )  
12 tr 2228 WA chs 25,35,47  
15 tr 1052 WA chs 15,25,47  
1334 KUTV 32 OR  
1336 KTZZ 22 WA  
(Snow free)  
2246 KWCT 27 WA  
2259 KVEW 42 WA  
18 tr 1030 KTNW 31 WA

18 tr 1041 WA chs 25, 42  
(Snow free)  
2247 KEPR 19 WA  
(Snow free)  
2250 KTNW 31 WA  
( See Note # 2 )  
25 tr 0812 WA 19,25,35,42,47  
28 tr 2148 KUTV 32 OR  
2200 KTVZ 21 OR  
29 tr 1914 KIMA 29 WA rare  
2120 unid channel 58

## October 1989

8 ms 2135 unid ch 3 7secs

9 tr 0720 KUTV 32 OR  
0724 KAYU 28 WA  
(KTPS-28 off)  
0726 KNDU 25 WA  
(Snow free)  
0730 KWCT 27 WA  
0734 KEPR 19 WA  
(Over CBUT35)  
0738 KTNW 31 WA  
(Under CBUT36)  
10 tr 1304 KUTV 32 OR  
F1 1323 CCI on chs 2, 3  
11 F1 1129 CCI on chs 2, 3  
(MUF 74 MHz)

## Western TV-DX

December 1989

## Mike Cherry (continued)

15 F2 1608 50.760 MHz 25 tr 0838 KUTV 32 OR  
1619 ABQ t (In all day/ave)  
( 64.25/69.755 ) 2202 WA chs 15,29,47  
1624 TVNZ2 t 2208 CBUT6 14 BC  
( 62.25/67.760 )  
( See Note # 4 ) 2214 CBUT9 60 BC  
(Snow free)  
(Grays River KTPS-28) 16 tr 0911 KTNW 31 WA  
(CBUT36 off) 2218 CBUT25 36 BC  
2247 KCKA 15 WA (over KOMO x1tr)  
(Snow free) 17 tr AM WA chs 25,35,42 29 tr 0843 unid channel 24-  
14 F2 1524 51.740 MHz unid channel 36 unid channel 612  
51.760 MHz ( See Note # 5 )  
1549 62.750 MHz

## Tropo Scatter Summary (Date / Time / Frequency Band(s) Affected)

Local Enhancement (to 200 mi) - 10-2 / All Day / All Bands; 10-7 / PM / UHF; 10-8 / AM / V-LO, FM; 10-19 / PM / V-HI, UHF; 11-1 / All Day / V-LO, FM.

Regional Enhancement (200+mi) - 10-2 / PM / UHF; 10-14 / All Day / V-HI, UHF; 10-19 / PM / UHF; 10-20 / AM / All Bands; 10-24 / PM / V-LO, FM; 11-1 / AM / UHF; 11-2 / All Day / All Bands.

Note #1 - Help! I still can't find out where this translator is coming from. It only shows up weakly with audio and a bit of video noise. It is probably in northwest Washington due to the fixed position of my UHF antenna. (Mike, I believe this translator must be K36BO at Deming, Washington. fm)

Note #2 - CBUT35, channel 19 off-air due to lightning strike. This translator feeds CBUT36, channel 31 which was off the air as well, allowing me a clear shot at both KEPR-19 and KTNW-31, Tri-Cities, Washington.

Note #3 - This shouldn't be possible!!! There are mountains galore between my QTH and these stations. Very rare! Also heard FM translator in Port Angeles, Washington for the first time plus FM's CFMS and CKKQ, Victoria, same direction came in with full quieting for first time ever. Seems like a duct, although there is no possible explanation for this. Perhaps I was on the edge of a cold/warm front? Weather was partly cloudy and mild. (Mike did not identify which loggings this note belongs with, but I presume the October 12th loggings. fm)

Note #4 - With favorable WWV forecast, I constructed a 50 MHz dipole attached to my scanner which pulled in the audio signals a little better than the RZ-1 receiver with the FM yagi. Loggings are all audio except for the two entries on the 15th when the Kenwood RZ-1 displayed a bit of "video sync buzz" but nothing more (used NBFM mode). Audio was clear with typical F2 fading. Tentatives - mentions of Brisbane on first logging, second had a program discussing "pending legislation from Wellington."

Note #5 - Unid on channel 24- is not new station at Pullman which will be on 24+. Also received same signal on the 29th.

Some good tropo and a few unusual per notes. Fortunately, KEPR-19 is -10 kHz and CBUT35 is on the zero mark (.750). Channel 31 is a little more difficult because both KTNW and CBUT36 are on the zero mark. Thanks to Dave Sinclair for waking me up on October 9th for some good tropo.

I plan to modify my Realistic PRO-2021 scanner to receive from 54 to 88 MHz in order to set up a scan program for south and west Pacific TV and FM frequencies. October 15th the solar flux hit 225, A-index 3 and Boulder-K zero which is the best I've heard yet for VHF DX via F2. I've also been pointing my beam towards Central and South America on channels 3 and 4 hoping to snag Mexico again as I did during the peak of solar cycle 21.

I would like to send Season's greetings to all WTFDA members, contributors and especially the column editors. I hope that cycle 22 is being good to everybody and that we'll get some decent E skip this winter. 73's, Mike Cherry

John Ebeling, 6843 County Road 47, Alborn MN 55702

CDT/CST

Had a little bit of E skip. CFAC-2 from Calgary was in early on October 29th (Sunday Morning) from 0115 CDT to 0108 CST (time switch at 0200), or almost an hour. "Rollergames" program (roller skating and rock music, if you've never seen it) and a movie were shown. Plenty of local Calgary ads and the familiar "2/7" ID given. Signal was snow free at times. Nothing else was noted. John Combs printout lists the distance from the cabin at 1015 miles.

Jeff Kruska, 5855 Walnut Creek Rd, Apt. A-105, River Ridge LA 70123

CDT

Equipment:

Sylvania 12" black and white, quad loops cut for channels 2-6, Radio Shack U-75 corner yagi.

October 1989

October 1989				2 tr 0659	%unid channel 41	6 tr 0625	WDBB	17 AL	294		
2 tr 0617	KETH	14 TX	319		(Full color bars)	0629	WITO	21 AL	315		
0619	KBMT	12 TX	221	0700	KXLN	45 TX	319	0645	WJTC	44 FL	163
	KTXH	20 TX	319		unid channel 44			0646	WBNGT	42 AL	
0620	KLAX	31 LA	179	6 tr 0605	WTOK	11 MS	187	11 tr 0600	WSFA	12 AL	276
0630	KITU	34 TX	222		WMAWT	14 MS		22 tr 0048	W19AW	19 LA	
	KVHP	29 LA	181	0608	WCOV	20 AL	283		(Baton Rouge	LPTV)	
	unid channel 36				WAPT	16 MS	161		(ID's as WKQ-TV)		
0645	KHTV	39 TX	318	0612	WFOA	32 AL	286	0102	unid channel 36		
0658	KTVE	10 AR	247	0620	WTSG	31 GA	387		(See Note)		

Note - 10/22 @ 0102 - Unid with Texas A&M - Baylor game. If Texas, Austin is possible at 454 miles, but very unlikely since not much else was in at the time. Tropo scatter unlikely also - signal in for over two hours (no ID). New one in Paris, Texas? LPTV?

Morning enhancement comes alive! I think I've done pretty well for being in a ground floor apartment. Still waiting for that Super Tropo, though (maybe Thanksgiving?). I have a question about the channel 22 in Galveston that was identified as KLTJ in the September VUD. If this is KLTJ, is there also a KLTJ on channel 49, Irving, Texas (as in data base), and on channel 57 in Baytown, Texas? What gives?

(KLTJ are indeed popular call letters. Back in mid 1987, Irving channel 49 changed call letters from KLTJ to KHSX. At that time, the Baytown channel 57 permit's call letters were changed from KRTW to KLTJ. In July of this year, Baytown changed its call letters back to KRTW and Galveston channel 22 changed from KUYA to KLTJ. fm)

Nathaniel Ely, 3810 Sycamore Avenue, Madison WI 53714

CDT

Equipment: See November Western TV-DXOctober 1989

1 tr 0030	WUAB	43 OH	409	1 tr 0247	WOIO	19 OH	409	1 tr 0415	CITY	57 ON	503
	WQHS	61 OH	409	0310	Iron Mtn xlters			0429	WJET	24 PA	479
0133	WOSU	34 OH	390				200	5 tr 0156	WBNG	42 AL	677
0146	WVIZ	25 OH	409	0349	unid ch 62 MI?			0158	WDBB	17 AL	671
0153	WAKC	23 OH	423		(PTA: Iron Mtn			0233	WTO	21 AL	677
0212	&CBLN1t	56 ON			or Crystal Fls)			27 tr 0211	WJET	24 PA	479
	(AN 3/4 CB's ??)			0414	CIII41	41 ON	503		WOIO	19 OH	409

I wish there had been more. 73, Nate

William Draeb, Ellis St., Rt. #2, Kewaunee WI 54216

CDT

Equipment: See November Western TV-DXSeptember 1989

27 tr 2111	WUSI	16 IL	402	28 tr 1156	WCVN	54 KY	407	<u>October 1989</u>			
2345	KDNL	30 MO	432		WPBO	42 OH	462	1 tr 0515	&CBLFT15	34 ON	
28 tr 0422	KSNF	16 MO			WUOC	44 OH	427		(Full color bars)		
	KDEBt	27 MO			WHIZ	18 OH	400	0538	KDNL	30 MO	432
	KNLC	24 MO	432		WKPC	15 KY	437	4 tr 1820	WCET	48 OH	400
	KDNL	30 MO	432		WOSU	34 OH	395	5 tr 0600	WXMT	30 TN	
	WTTE	28 OH	395	29 tr 2237	WUSI	16 IL	402	0630	WTUJ	30 IN	
0432	KTAJ	16 MO	498	2257	WCET	48 OH	400	14 tr 0545	WCET	48 OH	400
0436	KAUT	43 OK	820		WKON	52 KY	437	2048	WGKI	33 MI	110
0559	WFIE	14 IN	420	2324	W36AO	36 IL	169		(Fox - Stronger		
	WGRB	34 KY			(Palatine	VJN)			than WCMV-27)		
	WDRB	41 KY	437	2342	KDNL	30 MO	432	22 tr 0730	WCET	48 OH	400
	WTVQ	36 KY	473	30 tr 2115	WIII	64 OH	400	0800	WQLN	54 PA	405
0623	@WSBN	47 VA	587		WCET	48 OH	400		WSEE	35 PA	405
1156	WXIX	19 OH	400		WXIX	19 OH	400		(Abv 3 snowfree)		
	WCET	48 OH	400		WKPC	15 KY	437		WKBN	27 OH	420
					WDRB	41 KY	437		WYTV	33 OH	420

William Draeb (continued)

22 tr 1654	WKYT	27 KY	473	24 tr 1737	WSFJ	51 OH	395	24 tr 1759	WXIX	19 OH	400
	WTVQ	36 KY	473		WKON	52 KY	437	1824	WHIZ	18 OH	400
	(Abv 2 snowfree)				WCVN	54 KY	407		WUOC	44 OH	427
2207	WNYB	49 NY	445		WYMT	57 KY	553	25 tr 1821	WKON	52 KY	437
2257	WUTV	29 NY	445		WIII	64 OH	400		WKON	52 KY	437
	WNEqt	23 NY			WKHAt	35 KY			WXIX	19 OH	400
	WNED	17 NY	445		WTVQt	36 KY		26 tr 2003	WCET	48 OH	400
2217	Toronto	19,41,47			WOSU	34 OH	395		WKON	52 KY	437
	and 57			1749	WSBNt	47 VA			WIII	64 OH	400
24 tr 1737	WCET	48 OH	400		WPBO	42 OH	462		WXIX	19 OH	400
				1759	WGRBt	34 KY		2125	WGKI	33 MI	110

Scott Steenhuisen, 777 Silver Springs #1804, Wichita KS 67212

CDT

Equipment:

RCA XL-100 19", rabbit ears - VHF and 4 bay bow tie / screen at 20' on an Archer rotor - UHF

August 1989

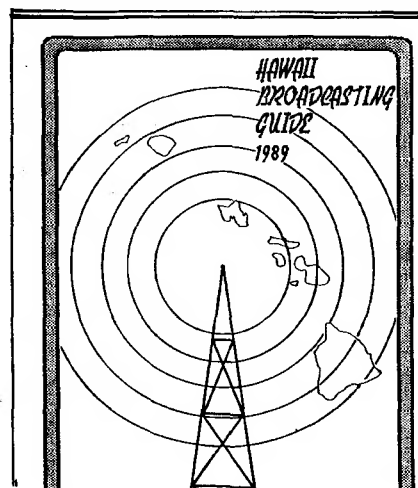
23 Es 2207	KXJB	4 ND	620	18 tr 2130	Topeka	27,49	18 tr 2331	KCCI	8 IA	350
	KGFE	2 ND	680		KMCI	38 KS		2336	KHSX	49 TX 355
2231	KWSE	4 ND	760		KPTM	42 NE 245	19 tr 0002	WAND	17 IL	470
					KHBS	40 AR 240		0010	Chicago	26,32t
					KSNF	16 MO			0020	WRSP 55 IL 450

September 1989

18 tr 2130	Dallas	21,33,39	2210	KWNL	7 IA	435		0027	KTIN	21 IA	375
	Tulsa	17,23,47	2300	KJTMt	38 AR			0030	WICS	20 IL	450
	K.C.	19,41,50,62	2308	KLJB	18(IL)	440		0144	WHO	13 IA	350
				KHOG	29 AR	210					

I was quite surprised by K59DA here in Wichita on July 14th. I called the TBN Engineering Department to find out the exact location of the transmitter site and power. TBN acknowledged that it is one of their owned and operated. The transmitter location is downtown at the abandoned AT&T tower. "Testing" power is 650 Watts erp, but upon FCC approval, the erp is to be increased to 8.2 kW. That power increase was supposed to have happened within a few weeks of the original July 3 sign-on according to TBN. However, four months later, the signal is still snowy on a bow tie six miles from the transmitter's omnidirectional antenna.

Here in Fargo, TV-DX has been nonexistent. Thanks to everyone who contributed to Western TV-DX this year. I hope everyone has a happy holiday season and that 1990 is an eventful year for our hobby.



# REVIEW

Here's a mini review of a booklet that might just be the next best thing to a trip to Hawaii for a DXer. It also is something that anyone near the California coast should have, what with all the recent news of CA-to-HI FM and TV DX. Frank Aden does a great job listing all the pertinent data on the "Aloha state" AM, FM & TV stns. Just reading through these lists makes you want to go there! Includes accurate addresses, phone, technical data such as powers and antenna height, and names of key station personnel--important if you want to be sure a reception report gets answered. For info on price and ordering: contact Frank Aden, 5147 Morris Hill, Apt 133, Boise ID 83706.



# TELEVISION IN SOCIALIST CUBA

BY JULIAN ANDERSON  
(COURTESY CESAR OBJIO, VIA NATIONAL RADIO CLUB)

Hello, this time I'm going to comment on television in a Socialist country, such as Cuba.

Info was made available by Luis, a friend who lives in Camajuaní, Villa Clara. The name is omitted for obvious reasons.

With 10 million inhabitants, Cuba has 1,622,00 TV sets, that's to say an average of 1 set per every 6.16 inhabitants (data Aug. 85).

Colour norm is the American (NTSC) and the system is "M". TV sets are generally made with Soviet parts, and assembled in Cuban factories. Their quality is really poor.

There are two networks, government controlled, which are: "Tele-Rebelde" (Rebel-TV) and Televisión Cubana (Cuban Television), being the latter popularly known as "Canal Seis". Both networks have their base in La Habana; "Tele-Rebelde" has 29 repeaters, and "Canal Seis", 30.

A short mention is necessary for the AFRTS Channel, in Guantanamo Bay, limited to its 0.485 KW power.

The two Government Networks have the following operating time:  
- Tele-Rebelde: Sun/Fri 0700-2300, and Sat 0700-2400

- Canal Seis: Sun/Fri 1000-2400, and Sat 0900-0100, always local time.

This unusual extense timetable is because (among other reasons), they want to avoid the reception of foreign channels (the Yankee ones, that is), which are easily received in the country. But in days of good reception, Luis is able to receive American, Mexican, Jamaican, Haitian and Dominican channels during the late evenings and early mornings.

The State keeps a team of censorship which control all that is to be projected so as to make sure it corresponds to the Communist point of view.

Filmic materials has 6 main origins: the USSR, UK, GDR, France, Japan, & the USA. As secondary suppliers, we can name, Mexico, Venezuela and Spain, and Socialist countries as Poland and Czechoslovakia.

Programmes from Western countries are usually about historic facts, as BBC, RTE or TDF serials.

Mexican and Venezuelan programmes are generally TV novels (most tiresome, Luis writes).

US films (not serials) are usually those which describe Social problems, following the Castrist policy of showing the inefficiency of the Capitalist system.

Cuban-made programmes are basically divided in 3 groups: Educational/Recreative, "Fiesta" (featuring typical music), and Political-promotion.

Nevertheless, a private significance can be assigned to news and sports programmes: the news are called "NTV" (Noticias en TV - News on TV), and are broadcasted twice daily, between 1300-1330 and 2000-2030 hrs, local time.

Those that have to do with sports are generally baseball and Boxing (both favorite sports in Cuba). Also there are many programmes that have to do with athletics, as usual in Socialist countries.

Nearly everyday Socialist-Dogma programmes are broadcasted, which are shown during classes at school; these programmes, which are also Educational, of course, are called "Tele-Clases".

During weekends it is most common that both channels join the "Cadena Nacional" (National Network), and that they transmit extra-long Fidel Castro's speeches (most boring, Luis writes again).

On Sundays you're able to see "special programmes" which show how "trabajadores voluntarios" (voluntary workers) bestow their resting-day to the Nation's benefit.

As a resume, Cuban Television presents a generally-good standard in Educational & Sports programmes, but on the other hand programming is so heavily censored that people don't trust news or dogma programmes, as all are known for their "Pura Propaganda" (pure propaganda, that is).

With this article I've wished to give an updated panorama on Cuban TV, which is similar to that of Nicaragua. I'll write some further articles of this type no sooner than I have the necessary info.

Julian Anderson, from  
PAMPAS DX-ing!

## INTERNATIONAL NOTES

NOVEMBER 1989

conducted by Ronald Stock

WE'RE BACK with the VUD's column for the news and views of WTFDA clubmembers outside of North America. Not many items of interest have come in, plus my heavy vacation/travel schedule as well as club mail processing keeps me from the keyboard in the busy DX'ing months of the year! It does seem to be a HUMDINGER of a Fall with EUROPEAN TV now showing up here in Western NY on my converter but nothing very ID'able! Looks like video art!

ANYONE have any interesting ideas for F2 TV DX antennas? If you do, it might make a great V.U.D. article. From JEFF KADET comes an inquiry on this. I know many of you trying for 48.25/49.75 European video are using "ground plane" (verical) antennas. Since the ghosting is so tough, does anyone have an opinion about the best antenna to use for F2 TV from Europe? After all, bottom cutoff for most U.S. TV antennas is 54 MHZ.

That will be it for this column.....Always great to hear from you DX'ers outside North America.....please though, no trivia stuff, I really don't need to know what soap opera is #1 in Italy or how popular "Dallas" is in Denmark.....back again soon with a story about how TROP0 dx made news headlines in Europe and comments from LES REMMER about KOREAN TV. 73, RON

## STATION BREAK

WTFDA  
P.O. Box 514  
Buffalo, NY 14205-0514

WTFDA member ads only. Items may be edited to conserve space.

FOR SALE - We have arranged the following (below dealer pricing) for new in the box, UPS shippable antennas as follows-  
Channel Master Stereo Probe 9 (138" boom) \$57.46 plus UPS  
Channel Master Stereo Probe 6 (87.5" boom) \$41.39 plus UPS  
Antennacraft FM-10 (120" boom) \$31.00 plus UPS  
Antennacraft P-7 (parabolic UHF) \$59.00 plus UPS  
Antennacraft P-5 (parabolic UHF) \$41.00 plus UPS  
Antennacraft CS-1000 (30 el. 150" boom VHF fringe ant.) \$49.00 + UPS  
The above prices are for Worldwide TV-FM DX Assn. members only.  
Best time to reach us is weekend mornings (no collect calls please).  
Doug Allen - PO Box 5646 - Woodlawn Park CO 80866 (719) 687-3549

WANTED FOR TRADE - Current, unedited cassette recordings of WMBR 88.1. I will send current, unedited cassette recordings of WQQK 92.1 or other Nashville-area FM. Erich Schulman (KTN4CA) - MTSU Box 9439 - Murfreesboro TN 37132

FOR SALE - YAESU FRG-7 shortwave receiver for sale. Covers 500 kHz-30 MHz. No bells, whistles or digital readout--just a good receiver. Will include Grove Mini-tuner. \$100 ppd. Must sell soon. John - (904) 389-2451

FOR SALE - YAESU FT208R 2-meter handie-talkie. 10 memories, direct keyboard entry, 4 watts high/2 watts low, speaker mike, rubber duck, DC adapter/trickle charger, 2 battery packs. \$125 ppd for whole package. Licensed ham only (verifiable in Callbook). Must sell. John - (904) 389-2451

YOUR non-commercial ad can appear in the VUD free of charge! Got a piece of DX gear you'd like to sell? Looking for something? Advertise in STATION BREAK. This feature appears on a space available basis. WTFDA and the VHF-UHF DIGEST assume no responsibility for any claims made by advertisers--our trust is implicit, as fellow DXers.

# FEEDBACK

MEMBERS COMMENT ON THE LAYOUT  
OF THE VHF-UHF DIGEST...IS  
THERE TOO MUCH "FILLER" AND  
TRIVIA? SHOULD THERE BE MORE  
"DX-RELATED" TOPIC COVERAGE?

I have got to wonder whether many folks who send in items and reports to the newsletter are actually DX-ing enthusiasts or "radio trivial pursuit" buffs who find more enjoyment in reading about stuff that relates to the broadcasting business. Isn't the hobby supposed to be about DX-ING?

Many of our writers send in long lists of stations logged. Often they are boring and sometimes kind of "stale." DX news loses impact unless spontaneously reported -- with some members seemingly waiting to see if anyone else has reported on the same "opening." This means little or nothing to a person like me...I am way more interested in the equipment used by them and the methods they use to identify their stations. And since you bother to print them, isn't there any way these total logging numbers can be checked or verified...just for instance, how about [EDITOR'S NOTE: Name of DXer deleted--not a WTFDA member] who claims to have logged THOUSANDS of stations, yet his "loggings" are actually the result of traveling to the stations themselves, and swapping tapes of the ID's with people around the continent. Some of you who are station engineers already know about this. Why not have a club committee to check into the claims of people like him?

Then too there are those who enjoy expounding ENDLESSLY about loggings of stations that can be heard on a regular basis. Why are there not more auroral- and meteor scatter enthusiasts reporting to the newsletter--are they not closer to the pursuit of DX-ing than those who are monitoring "easy catch" stations from the city less than 200 miles away?

PLEASE let us have more "news you can use" aspects such as receiver (tuner) evaluations, plans for DX-antenna arrays, technical tips, more photos, and the like. It would make the newsletter far more interesting and maybe more DX-ers would be inspired to report/write technical articles!

Sorry to offend those "non-DX-ers" in the club -- that's how I see it.

--Adam Hostetler, Houston TX

Is there anything we can do to get Northern FM looking a bit "neater?" Also, too many horizontal lines cross the pages. I would prefer reading paragraph style reports as opposed to lists...paragraph form would be the neatest way, if it's okay to send them in that way. Now, I am not being critical of Greg C., it's just that S.F.M. looks so much better. Maybe it's the hardware they use.

Another point. I see reporters' comments at the end of their reports duplicated again in Bruce Elving's FCC FM News. Does he really have to reprint all that stuff? Also, I read a lot of stuff that probably should be in a trade publication (in the Forum, for example), not in a DX oriented magazine. Why put it in just to take up space? Now take TV News. Although I am not primarily a TV DXer, I enjoy that column better because it lists the stations and the submissions to the forum don't wander off or go off on tangents like some in FCC FM. Western and Eastern TV really have the best appearance.

Go look, sometimes, at the VUDs from 1971 or the old mimeographed VUDs (I have some). These tended to concentrate on DXing - not industry news, or meaningless debates on AM stereo vs. FM stereo, or all band radios, or proposals on new commercial radio bands, etc. The tendency seems to be shifting from FM DX to FM listening.

Now most editors don't do this, but FCC FM seems to be going that way. It keeps getting larger, but with less meaningful information (I hope B.E. will forgive me!).

I have enjoyed the VUD for almost (good grief) 20 years. You guys do a great job!! I hope you don't mind the comments.

--Mike Bugaj, Enfield CT